VALIDATED DATA FOR SDGs 31, 32, 35-38, 40, and 42

OF THE CAMP EDWARDS IMPACT AREA GROUNDWATER STUDY

MASSACHUSETTS MILITARY RESERVATION CAPE COD, MASSACHUSETTS

Prepared for

NATIONAL GUARD BUREAU ARLINGTON, VIRGINIA

Prepared by

OGDEN ENVIRONMENTAL AND ENERGY SERVICES
239 Littleton Road, Suite 1B
Westford, Massachusetts 01886



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TABLE OF CONTENTS

Group A, Water Data for Methods 504 (EDB), 8021 (MTBE), 8330SC (Explosive Scan), and OC21V (VOCs), pp. 1-8

Group B, Soil Data for Methods 350.2M (N2), 353M (NO3/NO2), 365.2 (PO4), CYAN, (cyanide), IM40 (metals), IM40MB (metals), and IM40HG (mercury), pp. 1-26

Group C, Water Data for Methods 350.2M (N2), 353M (NO3/NO2), 365.2 (PO4), CYAN, (cyanide), IM40 (metals), IM40MB (metals), and IM40HG (mercury), pp. 1-16

Group D, Soil Data for Methods 8021S (EDM/MTBE) and OM31V (VOCs), pp. 1-14

Group E, Soil Data for Method OM31B (SVOCs), pp. 1-21

Group F, Water Data for Method OC21B (SVOCs), pp. 1-12

Group G, Soil Data for Methods 8330 (explosives), 8330N (explosives), 8515 (HMX/RDX screen), CRRSCT (TNT/DNT screen), pp. 1-20

Group H, Water Data for Methods 130.2 (hardness), 300.0 (Cl/SO4), 310.1 (alkalinity), IM40HD (hardness), and TOC, pp. 1-8

Group I, Soil Data for Methods 8151 (herbicides) and OM31P (pesticides), pp. 1-24

Group J, Water Data for Methods 8151 (herbicides) and OL21P (pesticides), pp. 1-8

Group K, Water Data for Methods 8330 (explosives) and 8330N (explosives), pp. 1-8

QUALIFICATION CODE REFERENCE TABLE

Qualifier	Organics	Inorganics
Н	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect.
С	Calibration %RSD or %D were noncompliant.	Correlation coefficient is <0.995.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits.
В	Presumed contamination from preparation (method) blank.	Presumed contamination from preparation (method) or calibration blank.
L	Not applicable.	Laboratory Control Sample %R were not within control limits.
Q	MS/MSD recovery was poor or RPD high.	MS recovery was poor.
Е	Not applicable.	Duplicates showed poor agreement.
1	Internal standard performance was unsatisfactory.	ICP ICS results were unsatisfactory.
Α	Not applicable.	ICP Serial Dilution %D were not within control limits.
M	Tuning (BFB or DFTPP) was noncompliant.	Not applicable.
Т	Presumed contamination from trip blank.	Not applicable.
+	False positive - reported compound was not present.	Not applicable.
-	False negative - compound was present but not reported.	Not applicable.
F	Presumed contamination from FB or ER.	Presumed contamination from FB or ER.
\$	Reported result or other information was incorrect.	Reported result or other information was incorrect.
?	TIC identity or reported retention time has been changed.	Not applicable.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.
P	Instrument performance for pesticides was poor.	Post Digestion Spike recovery was not within control limits.
#	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk () will indicate the subsection where a description of the problem can be found.	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found.

DATA QUALIFIER REFERENCE TABLE

Qualifier	Organics	Inorganics
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.	The associated value is an estimated quantity.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."	Not applicable.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	Not applicable.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.	The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified.	The data are unusable. (Note: Analyte may or may not be present).





Thu May 07 17:16 1998 Page 1

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP A: Water Data for Methods 504, 8021, 8330SC, and OC21V.

Date Sampled	EPA NO	W02DDA			W04SSA		W07DDA		W07SSA			W17DDA		
Maintain	OGDEN ID	W02DDA			W04SSA		W07DDA		W07SSA			W17DDA		
MANOCETHANE GTHYLE 940 U 1000 U 950 U 1000 U 950 U 9	Date Sampled	11/19/97			11/4/97		10/31/97		10/31/97			11/11/97		
Maintaile Main	Depth													
OMOCETHANE (ETHYLE) 9.40 U 10.00 U 9.50 U 9.50 U 9.60 R TYL METHYL ETHER 0.50 U 0.50 U 0.50 U 9.60 R TYL METHYL ETHER 0.50 U	Method Analyte	ANALYTICAL L RESULT	AB REV	QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL CODE		AB REV QUA UAL QUAL COD		ICAL LAB R	EV QUAL	ANALYTICAL LA RESULT QU	AB REV UAL QUAI	QUAL
Coloridade Cethylle 0.40 U 0.00 U	504 (NGL)												- E.	
LAMENTALE THERE 0.50 U 0.	1,2-DIBROMOETHANE (ETHYLE		D		10.00		9.50	D	10			09.6	×	S
LMETHYLETHER 0.50 U 0.50 U </td <td>8021W (UGAL)</td> <td></td>	8021W (UGAL)													
HAME 1.00 UJ C 1.00 UJ UJ UJ UJ UJ UJ UJ	TERT-BUTYL METHYL ETHER	0.50	D		0.50		0.50	D				0.50	D	
1.00 Uj C 1.00 U C 1.00 U 1.00 U C 1.00 U	OCZIV (UGA)													
1,00 Uj C 1,00 U 1,00	CHLOROMETHANE	1.00	5		1.00		1.00		_			1.00	D	
1.00 U	VINYL CHLORIDE	1.00	5	၁	1.00		1.00	D	_		1	1.00	D,	
1,00 U	BROMOMETHANE	1.00	n		1.00		1.00	n	_		1	1.00	n	
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5.00 R R 6.00 R R 8.00 R	METHYLENE CHLORIDE	2.00	D		1.00		2.00	n	7			2.00	ח	
1.00 UJ C 1.00 U 1.00	ACETONE	5.00	×	×	2.00	R	5.00		V 1			5.00	~	×
He ion of the ion of t	CARBON DISULFIDE	1.00	5	၁	1.00		1.00	n			ı	1.00	n	
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HE 1,00 U	1,1-DICHLOROETHANE	1.00	D		1.00		1.00	n			1	1.00	D	
NE 1.00 U 4.00 U 1.00 U	CIS-1,2-DICHLOROETHYLENE	1.00	D		1.00		1.00	n	_			1.00	ח	
BU 5.00 U 4.00 U 1.00 U 0.40 J 1.00 U	TRANS-1,2-DICHLOROETHENE	1.00	D		1.00		1.00	n			1	1.00	ם	
BU 5.00 U 1.00 U	CHLOROFORM	1.00	n		4.00		1.00	n	_	04.0		1.00	D	
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Hono U 1.00 U 1.	METHYL ETHYL KETONE (2-BU		D		2.00		5.00					5.00	D	
E 1.00 U	BROMOCHLOROMETHANE	1.00	n		1.00		1.00	n	_		1	1.00	n	
E 1.00 U	1,1,1-TRICHLOROETHANE	1.00	n		1.00		1.00	n	_			1.00	D	
E 1.00 U	CARBON TETRACHLORIDE	1.00	D		1.00		1.00	n				1.00	D	
1.00 U 1.	BROMODICHLOROMETHANE	1.00	D		1.00	n	1.00	n				-	D	
1.00 U 1.	1,2-DICHLOROPROPANE	1.00	D		1.00		1.00	n	_			1.00	D	
1.00 U 1.00 U 1.00 U 1.00 U 1.00	CIS-1,3-DICHLOROPROPENE	1.00	n		1.00		1.00	D				1.00	D	
	TRICHLOROETHYLENE (TCE)	1.00	D		1.00		1.00	n				1.00	n	

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Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	W02DDA	W04SSA	W07DDA	W07SSA	W17DDA
OGDEN ID	W02DDA	W04SSA	W07DDA	W07SSA	W17DDA
Date Sampled	11/19/97	11/4/97	10/31/97	10/31/97	11/11/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UG/L) Continued					
DIBROMOCHLOROMETHANE	1.00 U	1.00 U	U 00.1	1.00 U	1.00 U
1,1,2-TRICHLOROETHANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
BENZENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
TRANS-1,3-DICHLOROPROPEN	1.00 U	1.00 U	U 00.1	U.00 U	U 00.1
BROMOFORM	1.00 UJ C	1.00 UJ C	1.00 U	1.00 U	1.00 U
METHYL ISOBUTYL KETONE (4	4 5.00 U	2.00 U	5.00 UJ C	5.00 UJ C	5.00 U
2-HEXANONE	5.00 UJ C	2.00 U	5.00 UJ C	5.00 UJ C	5.00 U
TETRACHLOROETHYLENE(PCE	E 1.00 U	1.00 U	U.00 U	U 00.1	1.00 U
1,1,2,2-TETRACHLOROETHANE	1.00 U	1.00 U	U.00 U	1.00 U	U 001
1,2-DIBROMOETHANE (ETHYLE	(-1	1.00 U	U.00 U	1.00 U	U 001
TOLUENE	1.00	1.00 U	U.00 U	1.00 U	U 001
CHLOROBENZENE	1.00 U	1.00 U	U.00 U	1.00 U	1.00 U
ETHYLBENZENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
STYRENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
XYLENES, TOTAL	1.00 U	1.00 U	U 00.1	0.20 J	1.00 U
1,3-DICHLOROBENZENE	1.00 U	1.00 U	1.00 U	1.00 U	U 00.1
1,4-DICHLOROBENZENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-DICHLOROBENZENE	1.00 U	1.00 U	U 00.1	1.00 U	1.00 U
1,2-DIBROMO-3-CHLOROPROP	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
					Assems p
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP A: Water Data for Methods 504, 8021, 8330SC, and OC21V.

OGDEN ID WITSSA WITSSD W23MZA Date Sampled 11/10/97 11/11/97 11/11/97 Depth Method ANALYTROL LORD 11/11/97 Analyte Method ANALYTROL LORD 11/11/97 Analyte Method ANALYTROL LORD MANALYTROL LORD 1.2-DIBROMOETHANE (ETHYLE 9.20 U 9.10 U 9.80 U 8021W (GGL) CHLOROMETHANE CHTYLE 9.20 U 9.10 U 9.80 U GCHLOROMETHANE CHLOROMETHANE 1.00 U U 1.00 U 1.00 <th< th=""><th>W23M34 11/13/97 CODE RESU</th><th>W23M3D 11/13/97 11/13/97 code ANALYTICAL RESULT</th><th></th></th<>	W23M34 11/13/97 CODE RESU	W23M3D 11/13/97 11/13/97 code ANALYTICAL RESULT	
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H. 1.00 U		U 1.00	n
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HE 1.00 U 1.00 U 1.00 U 1.00 2-BU 5.00 U 5.00 U 5.00 U 5.00 1.00 U 5.00 U 5.00 1.00 U 1.00 U 1.00 4E 1.00 U 1.00 U 1.00 4E 1.00 U 1.00 U 1.00 4E 1.00 U 1.00 U 1.00	Л 1.00	U 1.00	n
2-BU 5.00 U 1.00 U 1.00 U 1.00 II.00 III.00 II.00 III.00 II.00 III.00 II.00 II	у 1.00	U 1.00	n
2-BU 5.00 U 1.00 U 1.00 U 1.00	1.00	1.00	
2-BU 5.00 U 5.00 U 5.00 U 5.00 U 1.00	Л 1.00	U 1.00	n
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1.00 U 1.00 U 1.00 1.00 U 1.00	J 1.00	U 1.00	n
1.00 U 1.00 U 1.00	1.00	U 1.00	n
	J 1.00	U 1.00	n
CIS-1,3-DICHLOROPROPENE 1.00 U 1.00 U 1.00 U	J 1.00	U 1.00	n
TRICHLOROETHYLENE (TCE) U 1.00 U 1.00 U 1.00 U	J 1.00	U 1.00	D

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Validated MMR Data, Period 1-April-98 to 30-April-98

U) Continued CHLOROMETHANE HLOROETHANE		W17SSD		W23M2A		4 67 166 111		WAZAMAZI	-	1
e (UG/L) Continued OMOCHLOROMETHANE TRICHLOROETHANE		1101011		W Z DIVILLA		W25M5A		CCIVICA W		
e (UGA) Continued DMOCHLOROMETHANE TRICHLOROETHANE		/6/01/11		11/11/97		11/13/97		11/13/97		
e (UG/L) Continued DMOCHLOROMETHANE TRICHLOROETHANE										
THANE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB R RESULT QUAL Q	REV QUAL	ANALYTICAL LAB RESULT QUAL	REV QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL I	LAB REV QUAL QUAL	QUAL
HLOROETHANE	n 00	1.00	J	1.00	n	1.00	n	1.00	n	
	n 00	1.00	<u> </u>	1.00	n	1.00	n	1.00	Ω	
BENZENE 1.00	D 00	1.00	D	1.00	ח	1.00	D	1.00	n	
TRANS-1,3-DICHLOROPROPEN 1.00	n 00	1.00	D	1.00	n	1.00	n	1.00	n	
BROMOFORM 1.00	D 00	1.00	n	1.00	n	1.00	n	1.00	D	
METHYL ISOBUTYL KETONE (4 5.00	n 00	5.00	D	5.00	D	5.00	n	5.00	n	
2-HEXANONE 5.00	D 00	5.00	Ω	5.00	D	5.00	D	5.00	⊃	
TETRACHLOROETHYLENE(PCE 1.00	D 00	1.00	n n	1.00	D	1.00	D	1.00	D	
1,1,2,2-TETRACHLOROETHANE	n 00	1.00	n	1.00	D	1.00	ח	1.00	ח	
1,2-DIBROMOETHANE (ETHYLE 1.00	D 00	1.00	D	1.00	n	1.00	n	1.00	D	
TOLUENE 1.00	D 00	1.00	n	1.00	n	1.00	n	1.00	n	
CHI.OROBENZENE 1.00	D 00	1.00		1.00	ח	1.00	n	1.00	D	
ETHYLBENZENE 1.00	D 00	1.00	ח	1.00	n	1.00	D	1.00	D	
STYRENE 1.00	D 00	1.00		1.00	n	1.00	n	1.00	D	
XYI,ENES, TOTAL 1.00	D 00	1.00	D	1.00	n	1.00	n	1.00	D	
1,3-DICHLOROBENZENE 1.00	D 00	1.00	D	1.00	n	1.00	n	1.00	D	
1,4-DICHLOROBENZENE 1.00	D 00	1.00	n	1.00	n	1.00	n	1.00	D	
1,2-DICHLOROBENZENE 1.00	n 00	1.00	n	1.00	D	1.00	D	1.00	n	
1,2-DIBROMO-3-CHLOROPROP	D 00	1.00	D	1.00	D	1.00	n	1.00	n	
THE THE COLUMN THE COL										

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Validated MMR Data, Period 1-April-98 to 30-April-98

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| W29SSA | 11/3/97 | | ANALYTICA |

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| | W28SSA W28SSA W29SSA | W28SSA W28SSA W29SSA W13/97 11/20/97 | ed W28SSA W28SSA W30SSA W1/3/97 11/3/97 11/20/97 | NID W28SSA W29SSA W29SSA W30SSA W9701A ampled 11/3/97 11/3/97 11/19/97 11/19/97 11/19/97 sebut Qual Qual Code RESULT Qual Code RESULT Qual Code RESULT <td< td=""><td> NID W28SSA W28SSA W29SSA W30SSA W1/3/97 W1/3/97 W1/3/97 W1/3/97 W1/20/97 W1/19/97 W1/19/97 W1/20/97 W1/20/97 W1/19/97 W1/20/97 W1/2</td><td> NID W28SSA W28SSA W28SSA W29SSA W29SSA W30SSA W30SSA W30SSA W9701A </td><td> ND W28SSA W28SSA W28SSA W29SSA W29SSA W1/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3</td><td> N. ID</td><td> N ID W28SA W28SA W28SSA W29SSA W29SS</td><td> NID W28SSA W28SSA W28SSA W28SSA W28SSA W13/97 11/20/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/1</td><td> NID W28SSA W28S</td><td> NID W28SA W28SA W28SA W28SA W28SA W28SA W29SA W29SA</td><td> NID W28SA W28SA W28SSA W28SSA W28SSA W29SSA W13097 II/20/97 II/20/97</td><td> NID W28SSA W29SSA W29SSA W29SSA W29SSA W13/97 </td><td> NID W28SA W28SA W28SA W28SSA W29SSA W29SSA W30SSA W30SSA</td><td> NIDD W28SSA W28SSA W29SSA W29SSA W29SSA W30SSA W30SSA W30SSA W30SSA W30SSA W30SSA W30SSA W30SSA W11/3/97 W28SSA W29SSA W</td><td> NIDD </td><td> NID W28SSA W28S</td><td> NIDD W28SSA W28SSA W29SSA W29SSA W29SSA W30SSA W30SSA W30SSA W30SSA W30DIA </td><td> NID M28SSA M28SSA M28SSA M29SSA M29SSA M29SSA M13097 M13097 M20SSA M29SSA M20SSA M20S</td><td> NIDD W28SSA W29SSA W29SSA W29SSA W29SSA W30SSA W37OIA </td><td> NID M29SSA M29SSA M29SSA M29SSA M29SSA M30SSA M9701A M29SSA M29SSA M9701A M970</td><td> NIDD W28SSA W28SSA W28SSA W28SSA W28SSA W29SSA W29</td><td> NIDD NIDD NIDD NIDD NIDD NIDD NIDD NIDD </td><td> NID W28SSA W29SSA W29SBA W29S</td><td> NID </td><td> NIDD NIDSSA NIDO NIDO</td><td> NIDD NIDO NIDO </td><td> Name Name </td></td<> | NID W28SSA W28SSA W29SSA W30SSA W1/3/97 W1/3/97 W1/3/97 W1/3/97 W1/20/97 W1/19/97 W1/19/97 W1/20/97 W1/20/97 W1/19/97 W1/20/97 W1/2 | NID W28SSA W28SSA W28SSA W29SSA W29SSA W30SSA W30SSA W30SSA W9701A | ND W28SSA W28SSA W28SSA W29SSA W29SSA W1/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3/97 11/3 | N. ID | N ID W28SA W28SA W28SSA W29SSA W29SS | NID W28SSA W28SSA W28SSA W28SSA W28SSA W13/97 11/20/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/1 | NID W28SSA W28S | NID W28SA W28SA W28SA W28SA W28SA W28SA W29SA W29SA | NID W28SA W28SA W28SSA W28SSA W28SSA W29SSA W13097 II/20/97 II/20/97 | NID W28SSA W29SSA W29SSA W29SSA W29SSA W13/97 | NID W28SA W28SA W28SA W28SSA W29SSA W29SSA W30SSA W30SSA | NIDD W28SSA W28SSA W29SSA W29SSA W29SSA W30SSA W30SSA W30SSA W30SSA W30SSA W30SSA W30SSA W30SSA W11/3/97 W28SSA W29SSA W | NIDD | NID W28SSA W28S | NIDD W28SSA W28SSA W29SSA W29SSA W29SSA W30SSA W30SSA W30SSA W30SSA W30DIA | NID M28SSA M28SSA M28SSA M29SSA M29SSA M29SSA M13097 M13097 M20SSA M29SSA M20SSA M20S | NIDD W28SSA W29SSA W29SSA W29SSA W29SSA W30SSA W37OIA | NID M29SSA M29SSA M29SSA M29SSA M29SSA M30SSA M9701A M29SSA M29SSA M9701A M970 | NIDD W28SSA W28SSA W28SSA W28SSA W28SSA W29SSA W29 | NIDD NIDD NIDD NIDD NIDD NIDD NIDD NIDD | NID W28SSA W29SSA W29SBA W29S | NID | NIDD NIDSSA NIDO NIDO | NIDD NIDO NIDO | Name Name |

D.MMRNPROGRAMSKRP_A.DB (799 of 799 records) 05/07/98 17:10.0 read by mlboyajian T.NCLEANNMMRNCOC.DB (2039 records) 05/05/98 17:55.3

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Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	W28SSA	W28SSARE	W29SSA	W30SSA	W9701A
a a	W28SSA		W29SSA	W30SSA	W9701A
pa	11/3/97		11/3/97	11/20/97	11/19/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UG/L) Continued					
DIBROMOCHLOROMETHANE	1.00 U		1.00 U	U.00 U	1.00 U
1,1,2-TRICHLOROETHANE	1.00 U		1.00 U	1.00 U	U 00.1
BENZENE	1.00 U		1.00 U	1.00 U	U 00.1
TRANS-1,3-DICHLOROPROPEN	1.00 U		1.00 U	1.00	U.00 U
BROMOFORM	1.00 UJ C		1.00 UJ C	1.00 U	1.00 UJ C
METHYL ISOBUTYL KETONE (4	5.00 U		5.00 U	5.00 U	S.00 U
2-HEXANONE	5.00 U		5.00 U	5.00 U	5.00 UJ C
TETRACHLOROETHYLENE(PCE	U 00.1		1.00 U	U.00 U	U 00.1
1,1,2,2-TETRACHLOROETHANE	1.00 U		U 00.1	1.00 U	1.00 U
1,2-DIBROMOETHANE (ETHYI.E	U 00:1		1.00 U	1.00 U	1.00 U
TOLUENE	1.00 U		1.00 U	3.00	U 00.1
CHLOROBENZENE	1.00 U		U 00.1	1.00	1.00 U
ETHYLBENZENE	1.00 U		1.00 U	U 00.1	1.00 U
STYRENE	1.00 U		U 00 I	1.00 U	1.00 U
XYLENES, TOTAL	1.00 U		1.00 U	1.00 U	U 00.1
1,3-DICHLOROBENZENE	U 00.1		1.00 U	1.00 U	1.00 U
1,4-DICHLOROBENZENE	1.00 U		1.00 U	1.00 U	1.00 U
1,2-DICHLOROBENZENE	U 00.1		U.00	1.00 U	U 00.1
1,2-DIBROMO-3-CHLOROPROP	1.00 U		1.00 U	1.00 U	1.00 U

D.MMRNPROGRAMS\GRP_A.DB (799 of 799 records) 05/07/98 17:10.0 read by mlboyajian

Ogden Environmental and Energy Services

T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	W9701D		W9702A		W9705A		WL12XA	*	WL12XD		
OGDEN ID	W9701D		W9702A		W9705A		WL12XA	3	WL12XD		
Date Sampled	11/19/97		11/20/97		11/20/97		11/12/97		11/12/97		
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL CODE	ANALYTICAL LAB RESULT QUAL	B REV QUAL AL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	EV QUAL UAL CODE	ANALYTICAL LAB REV Q RESULT QUAL QUAL C	QUAL	ANALYTICAL L. RESULT Q	LAB REV QUAL QUAL QUAL QUAL CODE	QUAL
SO4 (NGIL)											
1,2-DIBROMOETHANE (ETHYLE	U 08.6		9.30	UJ S	08.6	n	9.30 U		9.70	D	
8021W (UGA)									1		
DC21V (UG/L)	0.50 U		0.50	s fi	0.50	 D	0.50 U		0.50	ם	
CHLOROMETHANE	1.00 UJ	ပ	1.00	u c	1.00	n	1.00 U		1.00	D	
VINYL CHLORIDE	1.00 UJ	၁	1.00	UJ C	1.00	n	1.00 U		1.00	D	
BROMOMETHANE	1.00 U		1.00	n	1.00	ם	1.00 U		1.00	D	
CHLOROETHANE	1.00 U		1.00	n	U.00 U		1.00 U		1.00	n	
METHYLENE CHLORIDE	2.00 U		2.00	n	2.00 U		2.00 U		2.00	n	
ACETONE	5.00 R	~	5.00	R	5.00 R	× ×	5.00 R F	- X	5.00	×	R
CARBON DISULFIDE	1.00 UJ	၁	1.00	UJ C	1.00	n	1.00 U		1.00		
1,1-DICHLOROETHENE	1.do U		1.00	D	1.00	n	1.00 U		1.00	D	
1,1-DICHLOROETHANE	1.00 U		1.00	n	1.00		1.00 U		1.00	n	
CIS-1,2-DICHLOROETHYLENE	1.00 U		1.00	n	1.00	n	1.00 U		1.00	D	
TRANS-1,2-DICHLOROETHENE	1.00 U		1.00	n	1.00	_ n	1.00 U		1.00	D	
CHLOROFORM	1.00 U		1.00	n	1.00	n	1.00		1.00		
1,2-DICHLOROETHANE	1.00 U		1.00	D	1.00	n	1.00 U		1.00	n	
METHYL ETHYL KETONE (2-BU	5.00 U		5.00	n	5.00		5.00 U		2.00	n	
BROMOCHLOROMETHANE	1.00 U	-	1.00	n	1.00	n	1.00 U		1.00	n	
1,1,1-TRICHLOROETHANE	1.00 U		1.00	n	1.00	n	1.00 U		1.00	n	
CARBON TETRACHLORIDE	1.00 U		1.00	n	1.00	n	1.00 U		1.00	n	
BROMODICHLOROMETHANE	1.00 U		1.00	n	1.00	n	1.00 U		1.00	D	
1,2-DICHLOROPROPANE	1.00 U		1.00	n	1.00	n	1.00 U		1.00	n	
CIS-1,3-DICHLOROPROPENE	U 00.1		1.00	n	1.00		1.00 U		1.00	D	
TRICHLOROETHYLENE (ŢCE)	1.00 U		1.00	n	U 00.1	_	1.00 U		1.00	D	Tech
THE STATE OF THE S		000									

D.MMRRPROGRAMS\(GRP_A.DB\) (799 of 799 records) 05/07/98 17:10.0 read by mlboyajian T.\(CLEAN\(MMR\)RCCC.DB\) (2039 records) 05/05/98 17:55.3

Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver. 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

OGDEN ID W9701D W Date Sampled 11/19/97 11 Depth Analyte Analyte 1100 U Analyte Analyte 1.00 U U DIBROMOCHLOROMETHANE 1.00 U U U BENZENE 1.00 U U U BROMOFORM 1.00 U U U BROMOFORM 1.00 U U U AETHYL ISOBUTYL KETONE (4 5.00 U U 2-HEXANONE 1.00 U U 1.1,2,2-TETRACHLOROETHANE (ETHYLE) 1.00 U 1.1,2,2-TETRACHLOROETHANE (ETHYLE) 1.00 U	QUAL	MEEV QUAL CODE U	Puller		WL.12XA 11/12/97 11/12/97 11.00 11.00 11.00 11.00 11.00 5.00 5.00	OUAL OUAL	ML12XD 11/12/97 11/12/97 11/12/97 11/00 11/00 11/00 11/00 11/00 11/00 11/00 11/00 11/00 11/00	LAB REV QUAL QUAL QUAL CODE UU U U U U U U U U U U U U U U U U U
## ANALYTICAL LAB REV QUAL PRESILT QUAL QUAL CODE ANALYTICAL LAB REV QUAL CODE ANALYTICAL CODE ANALYTICAL LAB REV QUAL CODE ANALYTICAL CODE A	1.00 1.00 1.00 5.00 1.00 1.00 1.00	REV QUAL CODE OU C C C C C C C C C C C C C C C C C C	1.00 1.00 1.00 5.00 5.00 1.00		1.00 1.00 1.00 1.00 1.00 1.00 1.00	AAB REV UU	1.00 1.00 1.00 1.00 5.00 5.00 1.00	C C C C C C C C C C C C C C C C C C C
d V(UGL) Continued ROMOCHLOROMETHANE -TRICHLOROETHANE ZENE NS-1,3-DICHLOROPROPEN MOFORM HYL ISOBUTYL KETONE (4 EXANONE RACHLOROETHYLENE(PCE 7,2-TETRACHLOROETHANE	QUAL	d d d d d d d d d d d d d d d d d d d	LAB		1.00 1.00 1.00 1.00 1.00 1.00 5.00 5.00	D U U U U U U U U U U U U U U U U U U U	1.00 1.00 1.00 1.00 5.00 5.00 1.00	
e. (UGAL) Continued DMOCHLOROMETHANE TRICHLOROETHANE ENE IS-1,3-DICHLOROPROPEN AOFORM IYL ISOBUTYL KETONE (4 KANONE ACHLOROETHYLENE(PCE 2-TETRACHLOROETHANE BROMOETHANE (ETHYLE	QUAL	C C C C C C C C C C C C C C C C C C C	QUAL	OU C C C C C C C C C C C C C C C C C C C	1.00 1.00 1.00 1.00 1.00 1.00 5.00 5.00	DOAL QUAL.	1.00 1.00 1.00 1.00 5.00 5.00 1.00	O C C C C C C C C C C C C C C C C C C C
THANE 1.00 U NE 1.00 U PROPEN 1.00 U ETONE (4 5.00 U ENE(PCE 1.00 U ETHANE 1.00 U CETHYLE 1.00 U				: מ מ מ מ מ מ מ	1.00		1.00	
THANE 1.00 U NE NE 1.00 U PROPEN 1.00 U 1.00 U 1.00 U ETONE (4 5.00 U 5.00 U ETHANE 1.00 U					1.00		1.00 1.00 1.00 5.00 5.00 1.00	
HLOROETHANE 1.00 U LDICHLOROPROPEN 1.00 U SRM 1.00 U SOBUTYL KETONE (4 5.00 U SNE 5.00 U SNE 5.00 U COROETHYLENE(PCE 1.00 U GRACHLOROETHANE 1.00 U MOETHANE (ETHYLE				מממממממ מממ	1.00		1.00 1.00 1.00 5.00 5.00 1.00	
1.00 U -DICHLOROPROPEN 1.00 U				ממממממ	1.00		1.00 1.00 1.00 5.00 1.00	
OETHYLENE(PCE 1.00 UJ 1.00 UJ 1.00 UJ 5.00 UJ CHLOROETHANE 1.00 U CHLOROETHANE 1.00 UJ 1.00 U				מממממ:	1.00 1.00 5.00 5.00 1.00		1.00 1.00 5.00 5.00 1.00	00000
OUTYL KETONE (4 5.00 UJ OETHYLENE(PCE 1.00 U CHLOROETHANE 1.00 U STHANE (ETHYLE 1.00 U				: ככככ	5.00	ממממ	1.00 5.00 5.00 1.00	
5.00 U 5.00 U 1.00 U 1.00 U					5.00	חמח	5.00	ממממ
OETHYLENE(PCE 1.00 U CHLOROETHANE 1.00 U ETHANE (ETHYLE 1.00 U				nni	1.00	חם	5.00	מממ
1.00		n		n n :	1.00	D	1.00	חם
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1.00					200.1	ם	1	
000	1.00.1	_ _ _	00.1	_ _	1.00	D	1.00	n
TOLUENE U	1.00	n	1.00	n	1.00	D	1.00	ח
CHLOROBENZENE 1.00 U	1.00	n	1.00	n	1.00	n	1.00	D
ETHYLBENZENE U.00 U	1.00	n	1.00	n	1.00	D	1.00	n
STYRENE U	1.00	n	1.00	n	1.00	Þ	1.00	D
XYLENES, TOTAL 1.00 U	1.00	n	1.00	n	1.00	ם	1.00	D
1,3-DICHLOROBENZENE 1.00 U	1.00	n	1.00	n	1.00	D	1.00	D
1,4-DICHLOROBENZENE U.00 U	1.00	n	1.00	n	1.00	D	1.00	D
1,2-DICHLOROBENZENE 1.00 U	1.00	n	1.00	n	1.00	n	1.00	D
1,2-DIBROMO-3-CHLOROPROP U	1.00	n	1.00	n	1.00	D	1.00	n





Thu May 07 17:35 1998 Page 1

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

SELENIUM	POTASSIUM	NICKEL	MANGANESE	MAGNESIUM	LEAD	IRON	COPPER	COBALT	CHROMIUM, TOTAL	CALCIUM	CADMIUM	BERYLLIUM	BARIUM	ARSENIC	ANTIMONY	ALUMINUM	IM40 (MG/KG)	CYANIDE	CYAN (MG/KG)	365.2 (MG/KG) PHOSPHORUS, TOTAL ORTHOP	NITRATE/NITRITE (AS N)	353.2M (MG/KG)	NITROGEN, AMMONIA (AS N)	350.2M (MG/KG)	Method Analyte	Depth	Date Sampled	OGDEN ID	EPA NO
1.30	985.00	9.50	841.00	1630.00	9.80	15500.00	12.00	4.50	16.00	267.00	0.08	0.28	94.50	3.80	1.00	14900.00		0.72		HOP 764.00	0.04		N) 10.40		ANALYTICAL I RESULT		11/18/97	B01ABA	
UJ B									JA		U				J Q.10			U		J Q.R	J E,Q		J Q		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE				
1.20	1210.00	9.40	603.00	2090.00	9.10	16600.00	10.00	4.40	17.60	302.00	0.08	0.27	62.10	4.20	0.91	15500.00		0.74		1750.00	0.22		9.60		ANALYTICAL L RESULT C		11/18/97	B01BBA	
иј в						• '			JA		U				O fn			U		J QR	J E,Q		J Q		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE				
1.10	1030.00	12.60	571.00	2130.00	9.30	16400.00	8.60	5.20	17.10	271.00	0.07	0.26	40.20	4.80	0.80	14600.00		0.73		1420.00	0.03		8.70		ANALYTICAL L RESULT Q		11/18/97	BOICBA	
UJ B	_								JA		U				Q EII			UJ B		J Q.R	J = E, Q		J Q		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE				
1.10	1020.00	9.60	349.00	1960.00	7.70	15600.00	6.40	4.70	16.60	304.00	0.07	0.29	32.40	5.20	0.84	14200.00		0.74		1080.00	0.09		7.70		RESULT C		11/18/97	BOIDBA	
UJ B						,			JA		u				O En			U		J QR	J = E, Q		J Q.*2		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE				The state of the s
1.30	869.00	7.90	348.00	1360.00	8.90	14400.00	8.30	3.50	14.50	250.00	0.08	0.41	40.60	3.60	0.94	15400.00		0.72		538.00	0.20		5.70		ANALYTICAL RESULT		11/18/97	BOIEBA	
UJ B									JA		d				UJ Q			C		J QR	J = E,Q		J Q*2		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE				

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Thu May 07 17:35 1998 Page 2

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	2001.	B01BBA	B01CBA	B01DBA	B01EBA
Ð	BOIABA	B01BBA	B01CBA	B01DBA	B01EBA
ed	11/18/97	11/18/97	11/18/97	11/18/97	11/18/97
Depth					
Method Analyle	RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
IM40 (MG/KG) Continued					
SILVER	0.57 U	0.55 U	0.48 U	0.51 U	0.56 U
SODIUM	165.00 U	158.00 U	138.00 U	146.00 U	163.00 U
THALLIUM	1.70 U	1.60 U	1.40 U		1.70 U
VANADIUM	23.40	25.00	25.30	24.80	23.00
ZINC	35.10	39.50	47.90	26.90	21.60
IM40HG (MG/KG)					
MERCURY		0.07 U	0.07 UJ B	0.07 UJ B	0.06 UJ
	0.07 U				

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Ogden Environmental and Energy Services

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Thu May 07 17:35 1998 Page 3

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

EPA NO	BOIFBA	BOIGBA		ВОТНВА		B02ABA		DOZDDA	
OGDEN ID	BOIFBA	B01GBA		BOIHBA		B02ABA		B02BBA	
ed	11/19/97	11/19/97		11/19/97		11/11/97		11/11/97	
Depth									
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QUAL JAL QUAL CODE	ANALYTICAL L. RESULT Q	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB RE QUAL QU
350.2M (MG/KG) NITROGEN, AMMONIA (AS N)	2.90 UJ *2	2.80	UJ *2	2.50	UJ *2	2.80	UJ R.*2	3.10	<u>,</u>
353.2M (MG/KG)									
NITRATE/NITRITE (AS N)	0.01 UJ Q	0.01	UJ Q	0.01	J = E, Q	0.02	JF	0.01	J
365.2 (MG/KG)									
PHOSPHORUS, TOTAL ORTHOP	72.20 J Q.R	R 121.00	J QR	75.30	J QR	82.00		92.30	
CYAN (MG/KG)									
CYANIDE	0.61 U	0.59	U	0.52	U	0.72	U	0.67	U
IM40 (MG/KG)									
ALUMINUM	12900.00	12200.00		1810.00		15500.00		13100.00	
ANTIMONY	0.63 UJ Q	0.81	UJ Q	0.71	UJ Q	0.68	U	1.00	J
ARSENIC	5.00	5.70		2.00		5.70		5.50	J
BARIUM	15.00	16.30		4.80		19.20		23.50	
BERYLLIUM	0.33	0.30		0.15		0.44		0.39	
CADMIUM	0.05 U	0.07	u	0.06	U	0.06	U	0.07	IJ
CALCIUM	119.00	104.00		58.10		207.00		200.00	
CHROMIUM, TOTAL	15.90 J A	14.20	JA	2.70	J A,B	18.80		14.70	
COBALT		4.40		1.30		5.80		5.70	
COPPER	5.10	4.80		2.00		6.10	J	6.40	J
IRON	14400.00	14200.00		4590.00		16300.00		14600.00	
LEAD	7.20	7.10		3.10		8.50		7.70	
MAGNESIUM	1970.00	1900.00		427.00		2500.00		2200.00	
MANGANESE	84.10	76.20		39.10		134.00		123.00	
NICKEL	8.50	7.80		2.10		10.60		8.70	
POTASSIUM	682.00	663.00		250.00		1020.00		771.00	
SELENIUM	0.85 UJ B	1.10	UJ B	0.96	UJ B	1.20	J *2	1.10	u

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Thu May 07 17:35 1998 Page 4

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

IM40HG (MG/KG) MERCURY	ZINC	VANADIUM	THALLIUM	SODIUM	IM40 (MG/KG) Continued SILVER	Method Analyte	Depth	Date Sampled	OGDEN ID	EPA NO	
0.05 UJ B	20.40			110.00 U	0.38 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/19/97	B01FBA	B01FBA	
0.05 UJ B	21.70			140.00 U	0.48 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/19/97	B01GBA	B01GBA	
0.04 UJ B	8.10 J *2		1.30 U	124.00 U	0.43 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/19/97	Воінва	BOIHBA	
0.06 U	71.20	25.40	1.20 U	117.00 U	0.41 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11//11/97	B02ABA	B02ABA	
0.06 U	142.00 J A		1.40 U	137.00 U	0.41 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/11/97	B02BBA	B02BBA	

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Thu May 07 17:35 1998 Page 5

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

SELENIUM	POTASSIUM	NICKEL	MANGANESE	MAGNESIUM	LEAD	IRON	COPPER	COBALT	CHROMIUM, TOTAL	CALCIUM	CADMIUM	BERYLLIUM	BARIUM	ARSENIC	ANTIMONY	ALUMINUM	IM40 (MG/KG)	CYANIDE	CYAN (MG/KG)	PHOSPHORU	NITRATE/NITRITE (AS N)	353.2M (MG/KG)	NITROGEN,	350.2M (MG/KG)	Method Analyte	Depth	Date Sampled	OGDEN ID	
			(I)	13					TOTAL											PHOSPHORUS, TOTAL ORTHOP	RITE (AS N)	3	NITROGEN, AMMONIA (AS N)	3					
I.20	995.00	9.40	112.00	2560.00	7.90	15700.00	7.20	6.00	17.40	159.00	0.07	0.45	19.20	6.20	0.88	13500.00		0.68		95.20	0.01		2.90		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/11/97	B02CBA	
							J				IJ			J	J			U					E		AB RE				
_							F				В			*2	*10								J R,*2		AL CODI				
1.10	822.00	8.60	112.00	2280.00	8.70	14900.00	9.40	5.20	16.20	210.00	0.07	0.37	15.30	5.50	0.82	13900.00		0.73		130.00	0.19		2 3.60		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	B02DBA	
U							J				IJ			J	U			U					J		AB REV				
							F				В			*2									R, *2		QUAL CODE				
0.92	361.00	3.50	90.90	810.00	3.70	6030.00	3.40	3.00	5.80	108.00	0.06	0.18	6.20	2.40	0.69	4300.00		0.63		72.80	0.33		2.50		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	B02EBA	
П							J				IJ	U		J	U			\Box					U		REV AL QUAL				
							F				B	В		*2									R,*2		CODE				
1.10	822.00	8.20	70.90	1940.00	9.60	15500.00	9.10	4.20	18.30	243.00	0.07	0.35	19.50	5.80	1.50	16300.00		0.72		63.10	0.05		4.70		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	B02FBA	
u							J				IJ			J	J			u			J		J		QUAL QL				
							F				В			*2	*10						7		R, *2		AL CODE				
1.00	645.00	6.90	81.30	1590.00	6.30	11200.00	5.20	4.60	11.80	74.10	0.06	0.33	11.90	4.90	1.10	10100.00		0.71		63.30	0.08		2 2.80		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	B02GBA	
U							J				E			J	J			U					[]		REV				
							T				В			*2	*10								R,*2		QUAL				

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Thu May 07 17:35 1998 Page 6

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

D.\MMR\PROGRAMS\GRP	MERCURY	ZINC	VANADIUM	THALLIUM	SODIUM	SILVER	IM40 (MG/KG) Continued	Method	Depth	Date Sampled	OGDEN ID	EPA NO
D.MMR.PROGRAMS\GRP_B.DB (1755 of 1755 records) 05/07/98 17:22.1 read by mlboyajian	0.05 U	56.50 J	22.80	1.40 U	135.00 U	0.40 U		ANALYTICAL LAB REV QUAL RESULT QUAL CODE		11/11/97	B02CBA	B02CBA
05/07/98 17:22.1 read	0.05	A 37.00	22.70	1.50	142.00	0.42	,			11/12/97	B02DBA	B02DBA
by mlboyajian) A			U	U		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		=	B0	BU
	0.05 U	24.00 J A	8.90	1.20 U	119.00 U	0.35 U		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	B02EBA	BUZEBA
	0.06 J *10	23.00 J A	26.30	1.50 U	144.00 U	0.43 U		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	B02FBA	BOZEBA
OEES Technical Informatic	0.05 U	18.80 J A	16.80	1.40 U	131.00 U	0.39 U		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	B02GBA	B02GBA

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Thu May 07 17:35 1998 Page 7

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

SELENIUM	POTASSIUM	NICKEL	MANGANESE	MAGNESIUM	LEAD	IRON	COPPER	COBALT	CHROMIUM, TOTAL	CALCIUM	CADMIUM	BERYLLIUM	BARIUM	ARSENIC	ANTIMONY	ALUMINUM	IM40 (MG/KG)	CYANIDE	CYAN (MG/KG)	PHOSPHORUS, TOTAL ORTHOP	365.2 (MG/KG)	NITRATE/NITRITE (AS N)	353.2M (MG/KG)	NITROGEN, AMMONIA (AS N)	350.2M (MG/KG)	Method Analyte	Depth	Date Sampled 11/1	OGDEN ID B02	
1.00	504.00	5.40	79.40	1380.00	4.80	9310.00	5.00	3.80	9.30	62.90	0.07	0.28	11.80	3.50	0.78	7900.00		0.67		86.10		0.17		2.70		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	В02НВА	
U							J			J	E			J	U			U						IJ		REV L QUAL				
							F			*10	В			*2										R,*2		QUAL				
1.00	562.00	6.70	80.70	1190.00	6.00	10900.00	5.30	4.90	11.80	88.40	0.06	0.30	11.00	4.30	0.82	9680.00		0.66		92.10		0.03		2.80		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	возіва	
U		to believe to the second					J	_			IJ			J	J			U				J		U.		AB REV				
							F				В			*2	*10							1		UJ R,*2		L CODE				The second secon
0.96	554.00	5.00	85.00	1190.00	4.80	9330.00	4.60	3.70	8.30	103.00	0.06	0.26	9.60	4.10	0.72	6760.00		0.59		91.20		0.07		2.70		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	В02ЈВА	The same of the sa
U							J				I LU			7				U			,			I LU		REV QUAL C				-
							1				В			*2										R,*2		ODE				
1.00	426.00	5.50	61.60	1260.00	14.60	12700.00	7.90	3.20	12.20	150.00	0.07	0.24	15.80	4.20	0.77	11900.00		0.68		95.40		0.18		16.50		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/13/97	B02KBA	
U							J				IJ	~		J	J			U						J		QUAL QU				
							F				В			*2	*10									R		AL CODE				
0.99	781.00	8.40	94.80	2030.00	9.80	15000.00	7.30	5.10	16.10	121.00	0.06	0.36	19.10	5.20	0.74	14200.00		0.69		125.00		0.06		5.20		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/13/97	B02LBA	
_							J				IJ			J	U			U						J		AB REV				
U							لتر				В			*2										R, *2		86				

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Thu May 07 17:35 1998 Page 8

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

135.00 U 131.00 1.40 U 1.40 14.10 J A 15.80 0.06 U 0.05	EPA NO OGDEN ID Date Sampled Depth Method Analyte IM40 (MG/KG) Continued	LAB	B02IBA B02IBA 11/12/97 ANALYTICAL LAB RESULT QUAL 0.39	B02JBA B02JBA 11/12/97 ANALYTICAL LAB RESULT QUAL	100	B02KBA B02KBA 11/13/97
0.06 U 0.05	IM40 (MG/KG) Continued SIL VER SODIUM THALLIUM VANADIUM ZINC IM40HG (MG/KG)	,	, aaa		,	4
	MERCURY				0.04 U	

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Ogden Environmental and Energy Services

Thu May 07 17:35 1998 Page 9

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

OGDEN ID	B02MBA			B02NBA		B02OBA			B03EBA	
ed	11/13/97			11/13/97	1	11/13/97			11/10/97	
Depth				And the second s		The state of the s				
Method Analyte	RESULT QUAL QUAL CODE	REV	CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QUAL CODE	ANALYTICAL LAB REV QUAL CODE	B REV	CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV AL QUAL
350.2M (MG/KG) NITROGEN, AMMONIA (AS N)	2.70	<u> </u>	R *2	2.70	UJ R.*2	2.80	g	R.*2	4.50	Ξ
353.2M (MG/KG)										
NITRATE/NITRITE (AS N)	0.17			0.02	J F	0.02	J	F	0.06	
365.2 (MG/KG)										
PHOSPHORUS, TOTAL ORTHOP	67.40			80.60		83.00			128.00	
CYAN (MG/KG)										
CYANIDE	0.62	U		0.63	U	0.59	d		0.97	U
IM40 (MG/KG)										
ALUMINUM	8740.00			8800.00		12500.00			18800.00	
ANTIMONY	0.89	J	*10	0.72	d	0.79	J	*10	1.30	U
ARSENIC	3.00	J	*2	4.10	J *2	5.50	J	*2	7.20	
BARIUM	10.10			10.90		15.40			24.20	
BERYLLIUM	0.19			0.18		0.31			0.63	
CADMIUM	0.06	E	В	0.06	UJ B	0.06	IJ	B	0.11	и в
CALCIUM	72.10			105.00		88.70		-	265.00	
CHROMIUM, TOTAL	9.40			10.80		14.10			23.70	
COBALT	3.50			2.90	_	4.70			9.00	
COPPER	5.50	J	Į,	3.50	JF	5.30	J	7	7.80	JF
IRON	10100.00			8530.00		13000.00			20800.00	
LEAD	7.40			5.70		6.90			11.20	
MAGNESIUM	1250.00			1400.00		1830.00			3360.00	
MANGANESE	77.40			57.70		91.30			171.00	
NICKEL	4.80			5.40		7.70			13.70	
POTASSIUM	482.00			554.00	_	645.00			1390.00	
SELENTIM	1.00	7	01*	1.20		0.87	11		1.70	U

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OEES Technical Information Systems RGEN Ver 2q

Thu May 07 17:35 1998 Page 10

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

BO2NBA B	B02NBA B02OF B02NBA B02OF B02NBA B02OF B02NBA B02OF B02NBA B02OF B02NBA B02OF	EPA NO BUZI	Date Sampled 11/13/97	Depth	Analyte A	IM40 (MG/KG) Continued	SILVER	SODIUM	THALLIUM	VANADIUM	ZINC	IM40HG (MG/KG)	
B02NBA B02NBA B02NBA B02NBA B02 11/13/97 11/13/97 11/13/97 11/13/97 0.37 U 125.00 U 1.30 U 17.90 U 0.05 U U 0.05 U U U U U U U U U U U U U U U U U U U	B02NBA B02 B02NBA B02 11/13/97 11/1 ANALYTICAL LAB REV QUAL RESULT QUAL CODE 11/1 125.00 U 125.00 U 15.40 U 10.05 U 0.05 U 0	VIBA VIBA	3/97		NALYTICAL LAI RESULT QUA		0.38	128.00	1.30	14.80	21.00		
B02 B02 B03 B03 B03 B03 B04 B04 B05 B07 B08 B09	B02 HTCAL LAB REV QUAL UT QUAL QUAL CODE 111/ 0.37 U 1.30 U 1.30 U 1.30 U 0.05 U 0.05 U				AL QUAL CODE		u	U	U				
B02	B02	B02NBA	11/13/97		ANALYTICAL LAB RESULT QUAL		0.37	125.00	1.30	15.40	17.90		
B02OBA B02OBA 11/13/97 11/13/97 0.33 112.00 1.20 19.90 25.60 0.06	B02OBA B02OBA 11/13/97 ANALYTICAL LAB REV QUAL RESULT QUAL CODE 0.33 U 112.00 U 1.20 U 1.20 U 1.25.60 J A 0.06 U				REV QUAL QUAL CODE		U	U	U				
	REV QUAL CODE U U U U	B02OBA	11/13/97		ANALYTICAL LAB RESULT QUAL					19.90			
B03EBA B03EBA 11/10/97 ANALYTICAL RESULT Q 2.30 32.00 31.10 0.13	A)C 1				AB REV QUAL UAL QUAL CODE		П	U	П				
B03EBA B03EBA 11/10/97 ANALYTICAL LAB REV QUAL RESULT QUAL CODE	U U U	B03FBA	11/10/97		ANALYTICAL LA RESULT QU		0.44	128.00	1.30	18.70	22.60		
B03FB B03FB B03FB B03FB 11/10/2 11/10/2 0.78 U 0.78 U 0.78 U 0.78 U 0.78 U 0.78 U 0.78 0.13	B03				B REV QUAL AL QUAL CODE		U	U	U				

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Thu May 07 17:35 1998 Page 11

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	B03GBA		ВОЗЈВА		BUSKBA		BUJLBA		COG	ACIMEDO	
OGDEN ID	B03GBA		В03ЛЗА		В03КВА		B03LBA		В03	B03MBA	
Date Sampled	11/10/97		11/10/97		11/10/97		11/10/97		11/1	11/10/97	
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	UEV QUAL	ANALYTICAL LAB REV QUAL CODE	REV QUAL L QUAL CODE	ANALYTICAL LAB REV QUAL CODE	B REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QU UAL QUAL CO		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV QU.
350.2M (MG/KG)											
NITROGEN, AMMONIA (AS N)	2.80	UJ R,*2	15.80	J R	2.80	UJ R,*2	2.80	UJ R,*2	*2	22.80	J R
353.2M (MG/KG)											
NITRATE/NITRITE (AS N)	0.02	JF	1.80		0.01	J F	0.02	J F		0.53	
365.2 (MG/KG)											
PHOSPHORUS, TOTAL ORTHOP	99.10		124.00		73.90		82.60			70.50	
CYAN (MG/KG)											
CYANIDE	0.70	U	0.69	U	0.72	U	0.65	U		0.78	U
IM40 (MG/KG)											
ALUMINUM	8920.00		7690.00		12300.00		14300.00			8180.00	
ANTIMONY	0.79	U	0.88	U	0.81	U	0.78	U		0.87	U
ARSENIC	3.40		3.00		4.60		4.60			3.90	
BARIUM	11.30		12.80		13.10		13.30			15.50	
BERYLLIUM	0.31		0.14		0.32		0.57			0.20	
CADMIUM	0.07	UJ B	0.08	UJ B	0.07	UJ B	0.07	UJ B		0.07	UJ B
CALCIUM	133.00		122.00		153.00		129.00			172.00	
CHROMIUM, TOTAL	11.30		7.70		15.20		19.30			8.50	
COBALT	5.10		1.40		5.10		8.70			1.90	
COPPER	7.70	JF	3.40	J F	4.70	J F	9.60	J F		4.90	J F
IRON	11100.00		10600.00		13500.00		18900.00			10800.00	
LEAD	5.80		10.10		6.80		6.90			9.80	
MAGNESIUM	1760.00		372.00		1950.00		2760.00			655.00	
MANGANESE	109.00		33.20		95.90		105.00			54.00	
NICKEL	6.90		2.80		8.20		12.10			3.80	
POTASSIUM	711.00		273.00		778.00		724.00			484.00	
	1 10	U	1.40		1.10	U	1.40			1.30	

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Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver 2q

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Thu May 07 17:35 1998 Page 12

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

OGDEN ID	B03GBA	Возла	В03КВА		B03MBA
Date Sampled	11/10/97	11/10/97	11/10/97	11/10/97	11/10/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (MG/KG) Continued					
SILVER	0.47 U	0.53 U	0.48 U	0.47 U	0.52 U
SODIUM	137.00 U	153.00 U	140.00 U	136.00 U	151.00 U
THALLIUM	1.40 U	1.60 U	1.40 U	1.40 U	1.60 U
VANADIUM	16.50	17.50	20.00	25.20	18.60
ZINC	20.30	15.20	19.90	25.00	15.50
IM40HG (MG/KG)					

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Thu May 07 17:35 1998 Page 13

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

EPA NO														
OGDEN ID	B03NBA		B04GAA			BIODBA			B10EBA			B12DAA		
Date Sampled	11/10/97		12/18/97			11/18/97	1		11/18/97			11/13/97		
Depth														
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL QUAL CODE	ANALYTICAL LAB REV QUAL CODE	AB REV UAL QUA	QUAL	RESULT QUAL QUAL CODE	AB REV QUAL	CODE	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	AB REV UAL QUA	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL QUA	AL COD
350.2M (MG/KG)														
NITROGEN, AMMONIA (AS N)	3.00	UJ R,*2	40.00	J	E,Q,R	2.70	E E	*2	2.60	Ξ	*2	2.70	Ξ	UJ R,*2
353.2M (MG/KG)														
NITRATE/NITRITE (AS N)	0.02	JF	0.03			0.01	J	E,Q	0.01	J	E	0.08		
365.2 (MG/KG)														
PHOSPHORUS, TOTAL ORTHOP	85.60		145.00	J	0	58.00	J	$Q_{r}R$	67.40	J	QR	106.00		
CYAN (MG/KG)														
CYANIDE	0.73	U	0.80	U		0.59	U		0.56	□		0.66	U	
IM40 (MG/KG)														
ALUMINUM	16200.00		11500.00			6380.00			6180.00			8590.00		
ANTIMONY	0.77	U	0.84	J	*10,0	0.69	F	Q	0.65	IJ	0	0.77	u	
ARSENIC	6.00		3.70			1.20	J	01.	2.70			4.10	J	*2
BARIUM	19.70		15.10			9.20			8.30			22.60		
BERYLLIUM	0.45		0.27			0.12	_	В	0.16			0.28		
CADMIUM	0.07	UJ B	0.06	U		0.06	U		0.06	U		0.07	밀	В
CALCIUM	202.00		146.00			92.60			78.10			315.00		
CHROMIUM, TOTAL	20.60		11.50			6.50	J	<u>~</u>	7.40	J	7	10.50		
COBALT	6.10		1.70			1.70			2.60			3.40		
COPPER	5.90	JF	16.10			1.60			2.50			38.50		
IRON	17800.00		15900.00	J	E	4180.00			7500.00			10400.00		
LEAD	8.60		13.90	J	0	4.00			4.20			17.70		
MAGNESIUM	2780.00		682.00			750.00			994.00			1440.00		
MANGANESE	114.00		32.50			34.20			47.30			153.00		
NICKEL	10.70		3.60			3.80			4.30			7.40		
POTASSIUM	1090.00		473.00			371.00			380.00			760.00		
SEI ENII IM	1 00	=	1.60	J	E	0.93	IJ	В	0.87	E	W	1.00	U	

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Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver. 2q

Thu May 07 17:35 1998 Page 14

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

12/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97		HO Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	R04GAA		R10FRA
AMALYTICAL Late BEV GOLA AMALYTICAL Late BEV GOLA AMALYTICAL Late BEV GOLA COOR AMALYTICAL Late BEV GOLA GO	DEN ID	11/10/97	B04GAA		B10EBA
ANALYTICAL Lab BEY COLA	th				
ntinued 0.46 U 0.43 U 0.41 U 0.39 U 133.00 U 123.00 U 120.00 U 113.00 U 24.80 U 1.20 U 1.20 U 12.70 U 24.80 14.40 J E 10.10 J •2 11.80 0.11 0.07 UJ B 0.04 UJ B 0.05 UJ	hod nalyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL
0.46 U 0.43 U 0.41 U 0.39 U 123.00 U 123.00 U 120.00 U 113.00 U 123.00 U 120.00 U 113.00 U 12.70 U 1.20 U 1	(0 (MG/KG) Continued				
133.00 U 123.00 U 120.00 U 113.00 U 126.90 U 1.20 U	LVER				
1.40 U 1.30 U 1.20 U 1.20 U 1.20 U 26.90 24.80 14.40 J E 10.10 J *2 11.80 U 12.70 U B 0.05 UJ	DDIUM				
26.90 27.70 24.80 14.40 J E 10.10 J *2 11.80 0.01 0.07 UJ B 0.04 UJ B 0.05 UJ	HALLIUM				
24.80	ANADIUM	26.90	27.70		
0.07 UJ B 0.04 UJ B 0.05 UJ	NC	24.80	J	J	11.80
0.07 UJ B 0.04 UJ B 0.05 UJ	OHG (MG/KG)				
	ERCURY	0.11	E	E	ED

Thu May 07 17:35 1998 Page 15

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	BIZEAA	BI4ABA	z z	BI4BBA		B14CBA		B14DBA
OGDEN ID	BIZEAA	В14АВА	T.	В14ВВА		B14CBA		B14DBA
Date Sampled	11/13/97	11/11/97		11/11/97		11/11/97		11/11/97
Depth								
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	V QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL CODE	ANALYTICAL L RESULT Q	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
350.2M (MG/KG)								
NITROGEN, AMMONIA (AS N)	2.70 UJ R,*2	2.90 UJ	J R,*2	5.40	J R,*2	2.80	J R,*2	2.80
353.2M (MG/KG)								
NITRATE/NITRITE (AS N)	0.06	0.01 U		0.01	JF	0.02	J F	0.01
365.2 (MG/KG)								
PHOSPHORUS, TOTAL ORTHOP	91.90	59.40		96.90		91.70		100.00
CYAN (MG/KG)								
CYANIDE	0.65 U	0.66 U		. 0.71	U	0.64	u	0.70
IM40 (MG/KG)								
ALUMINUM	8030.00	13700.00		14100.00		9700.00		11300.00
ANTIMONY	1.10 J *10	0.79 U		0.62	U	0.70	U	0.60
ARSENIC		5.20		4.50		3.10		4.20
BARIUM	13.50	14.00		13.70		8.90		10.50
BERYLLIUM	0.25	0.34		0.32		0.22		0.24
CADMIUM	0.06 UJ B	0.07 U		0.05	UJ B	0.06	U	0.05
CALCIUM	120.00	182.00		145.00		122.00		102.00
CHROMIUM, TOTAL	8.90	16.70		16.70		11.90		13.00
COBALT	3.30	5.20		4.80		3.20		4.20
COPPER	12.10 J F	4.40 J	F	4.50	JF	2.40	J B,F	2.80
IRON		14300.00		14000.00		9820.00		12500.00
LEAD	12.00	7.80		10.50		5.60		5.80
MAGNESIUM	1170.00	2050.00		2030.00		1480.00		1520.00
MANGANESE	84.40	101.00		85.70		63.20		89.20
NICKEL	5.10	9.50		8.90		7.30		6.80
POTASSIUM	472.00	911.00		829.00		555.00		627.00
SELENIUM	0.96 U	1.10 U		1.10		0.94	U	0.95

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Thu May 07 17:35 1998 Page 16

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

3000

OGDEN ID Date Sampled Depth Method Analyte IM40 (MG/KG) Continued SIL VER SODIUM THALLIUM VANADIUM THALLIUM VANADIUM ZINC IM40HG (MG/KG) MERCURY
B12EAA 11/13/97 ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE U 13.40 21.60 0.05 U 0.05 U 0.05
B14ABA 11/11/97 ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE 137.00 U 1.40 U 22.70 19.00 0.05 U
B14BBA 11/11/97 L. ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE 19.00 19.00 0.06 U
B REV QUAL CODE
B14CBA 11//11/97 ANALYTICAL LAB REV RESULT QUAL QUAL QUAL 121.00 U 1.30 U 17.50 17.50 0.06 U
U U U U U U U U U U U U U U U U U U U
B14DBA 11/11/97 ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE U 17.90 15.50 0.05 U 0.05 U 0.05
U QUAL CODE U U

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Thu May 07 17:35 1998 Page 17

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

SELENIUM	POTASSIUM	NICKEL	MANGANESE	MAGNESIUM	LEAD	IRON	COPPER	COBALT	CHROM	CALCIUM	CADMIUM	BERYLLIUM	BARIUM	ARSENIC	ANTIMONY	ALUMINUM	IM40 (MG/KG)	CYANIDE	CYAN (MG/KG)	PHOSPH	365.2 (MG/KG)	NITRATI	353.2M (MG/KG)	NITROG	350.2M (MG/KG)	Method Analyte	Depth	Date Sampled	OGDEN ID	EPA NO
M	MUI		NESE	SIUM				7	CHROMIUM, TOTAL	M	JM	MUL	1	C	NY	MUM	(KG)	H	5/KG)	PHOSPHORUS, TOTAL ORTHOP	/KG)	NITRATE/NITRITE (AS N)	IG/KG)	NITROGEN, AMMONIA (AS N)	IG/KG)			led)	
0.98	724.00	8.10	79.50	1870.00	7.10	14000.00	3.80	4.70	15.70	109.00	0.06	0.29	13.50	4.50	0.73	13200.00		0.64		83.50		0.01		4.60		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/11/97	B14EBA	D14EBA
U							J				IJ				⊂			U				J		J		QUAL QUA				
-							F				В			1000								F		R, *2		L CODE				
0.83	175.00	1.30	9.40	133.00	13.10	4900.00	1.70	0.58	3.00	58.00	0.08	0.03	4.80	2.00	1.50	2420.00		0.61		57.80		0.07		11.70		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/3/97	B41AAA	D41AAA
U	IJ					-	J				U	J						U						J		LAB REV				
	В						F					*10												R		AL CODE				
0.73	161.00	1.60	9.20	121.00	13.20	5000.00	1.70	0.74	3.20	51.40	0.07	0.04	4.60	1.70	0.68	2640.00		0.64		55.20		0.06		11.50		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/3/97	B41AAD	DHIAND
C	IJ						J				U				J			U						J		LAB REV QUAL QUA				
	В						F								*10									R		CODE				
1.40	499.00	7.40	47.00	941.00	9.60	14300.00	3.20	3.10	15.80	122.00	0.09	0.27	15.70	3.80	1.10	16300.00		0.59		118.00		0.02		6.30		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/3/97	B41ABA	D41ADA
J							J				U				J			U		_		J		J		QUAL QU				
*2							F								•10							Ŧ		R, *2		V QUAL CODE				
0.89	191.00	1.10	14.10	253.00	14.00	7740.00	2.40	0.78	4.80	195.00	0.06	0.06	6.80	3.00	0.67	4370.00		0.62		72.90		0.04		21.20		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		12/17/97	B42GAA	B42UAA
U		J			J	J	J				U				E			U		J				J		AB REV UAL QUAI				
		В			0	E	Į.								Q					0				E,Q,R		QUAL				

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Thu May 07 17:35 1998 Page 18

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	B14EBA	B41AAA	B41AAD	B41ABA	B42GAA
OGDEN ID	B14EBA	B41AAA	B41AAD	B41ABA	B42GAA
Date Sampled	11/11/97	11/3/97	11/3/97	11/3/97	12/17/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (MG/KG) Continued					
SILVER	0.44 U	0.23 U	0.20 U	0.25 U	0.40 U
SODIUM				97.60	
THALLIUM	1.30 U	1.20 UJ B	1.10 UJ B	1.40 UJ B	1.20 U
VANADIUM	21.40	20.30	18.70	25.70	21.40
ZINC	16.00	4.40 UJ B	5.40 J *2	15.80 J *2	6.20 J E
IM40HG (MG/KG)					000

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Thu May 07 17:35 1998 Page 19

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	B42GBA		B42HAA		В42НВА		B42IAA	A			B42IBA		
OGDEN ID	B42GBA		В42НАА		В42НВА		B42IAA	A			В42ТВА		
Date Sampled	12/17/97		12/17/97		12/17/97		12/17/97	/97			12/17/97		
Depth													
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL QUAL CODE	ANALYTICAL LA	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QUAL COL		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AL QUAL	QUAL
350.2M (MG/KG)													
NITROGEN, AMMONIA (AS N)	2.70	UJ Q,R,*2	2 11.20	J = E,Q,R	2.70	J E,	E,F,Q,R,	19.50	J	E,Q,R	4.40	J	E,F,Q
353.2M (MG/KG)													
NITRATE/NITRITE (AS N)	0.02		0.06		0.04		-	0.06			0.02		
365.2 (MG/KG)													
PHOSPHORUS, TOTAL ORTHOP	80.50	J Q	46.10	J Q	88.10	j Q		45.80	J	0	75.50	J	0
CYAN (MG/KG)													
CYANIDE	0.63	U	0.72	U	0.62	U		0.71	U		0.58	u	
IM40 (MG/KG)													
ALUMINUM	10500.00		867.00		6960.00			1120.00			6610.00		
ANTIMONY	0.90	J *10,Q	0.77	UJ Q	0.54	Q EU		0.76	IJ	0	0.61	E	0
ARSENIC	3.60		1.10	J *10	2.00			1.20	J	01.	1.70		
BARIUM	15.50		5.90		11.00			6.40			8.70		
BERYLLIUM	0.24		0.03	J *10	0.22			0.04	J	01.	0.18		
CADMIUM	0.06	U	0.07	U	0.05	u		0.07	U		0.05	U	
CALCIUM	155.00		76.30		160.00			80.90			107.00		
CHROMIUM, TOTAL	11.10		1.60		6.00			1.30			5.60		
COBALT	3.20		0.37	U	1.90			0.37	U		1.60		
COPPER	2.70		1.20	J F	2.40			1.80	J	Ŧ	2.00	J	Ŧ
IRON	10200.00	J E	3070.00	J E	6710.00	J E		2390.00	J	E	6140.00	J	E
LEAD	5.80	J Q	9.60	J Q	4.00	J Q		16.40	J	0	3.70	J	0
MAGNESIUM	1050.00		59.10		480.00			90.60			413.00		
MANGANESE	59.40		8.00		40.90			16.10			26.90		
NICKEL	5.20		0.46	ШВ	3.30			0.61	J	B,*10	3.20	J	В
POTASSIUM	295.00		118.00		207.00			124.00			178.00		
SELENIUM	0.89	U	1.00	U	0.73	C		1.00	U		0.82	U	

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Ogden Environmental and Energy Services

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Thu May 07 17:35 1998 Page 20

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

	IM40HG (MG/KG) MERCURY	ZINC	VANADIUM	THALLIUM	SODIUM	IM40 (MG/KG) Continued SILVER	Analyte	Depth	Date Sampled 12/1	OGDEN ID B42	EPA NO B42
	0.06	13.20	17.10	1.20	115.00	0.40	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		12/17/97	B42GBA	B42GBA
	UJ В	J		U	C	U	B REV QUAL AL QUAL CODE				
	0.05	3.80	10.40	1.40	133.00	0.46	ANALYTICAL RESULT	1	12/17/97	В42НАА	В42НАА
	иј в	J E		U	C	С	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE				
	0.05 UJ B	8.70 J E	11.80	0.98 U	94.10 U	0.33 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		12/17/97	B42HBA	B42HBA
	0.06	6.30	10.40	1.40	132.00	0.46	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		12/17/97	B42IAA	B42IAA
	U	J E		U	_		REV QUAL CODE				
	0.05	8.10	10.50	1.10	106.00	0.37	ANALYTICAL LAB REV RESULT QUAL QUAL		12/17/97	В42ГВА	B42IBA
	U	J E		C	U	C	JAL QUAL CODE				

Thu May 07 17:35 1998 Page 21

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	B42JAA	В42ЈВА	В	B42KAA	B4.	В42КВА		BM6CAA	
OGDEN ID	B42JAA	В42ЛВА	8	B42KAA	В4	B42KBA		BM6CAA	
Date Sampled	12/17/97	12/17/97		12/17/97	12/	12/17/97		10/31/97	
Depth							1 :	Same and the same	
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	1	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL CODE
350.2M (MG/KG)									
NITROGEN, AMMONIA (AS N)	16.80 J	E,Q,R 3.50	J = E, F, Q, R,	19.40	J = E,Q,R	3.20	J = E, F, Q, R,	R, 13.10	JR
353.2M (MG/KG)									
NITRATE/NITRITE (AS N)	0.04	0.02		0.04		0.01		0.06	
365.2 (MG/KG)									
PHOSPHORUS, TOTAL ORTHOP	63.40 J	Q 83.10	J Q	79.50	9 V	91.90	<i>J Q</i>	72.60	
CYAN (MG/KG)									
CYANIDE	0.71 U	0.67	U	0.70		0.68	U	0.72	U
IM40 (MG/KG)									
ALUMINUM	4500.00	11000.00		5270.00		10200.00		5390.00	
ANTIMONY	0.66 UJ	Q 0.68	J *10,Q	0.74	UJ Q	0.67	J *10,Q	0.63	U
ARSENIC	2.40	3.70		2.70		2.20	_	2.20	UJ B
BARIUM	6.30	17.00		9.90	_	25.50		10.10	
BERYLLIUM	0.07	0.24		0.10		0.24		0.09	
CADMIUM	0.06 U	0.05	С	0.06	U	0.05	U	0.30	
CALCIUM	65.10	90.60		63.30	01. f	66.30		168.00	
CHROMIUM, TOTAL	4.60	11.70	_	5.50		9.00		5.90	
COBALT	1.00	3.40		0.84		2.60	_	1.10	
COPPER	2.00 J	F 3.10		2.60	JF	3.40		4.70	JF
IRON	6880.00 J	E 10700.00	J E	11400.00	E	9410.00	J E	6380.00	
LEAD	12.90 J	Q 6.00	J Q	13.40	0	6.10	J Q	9.50	
			_		_		_		

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171.00

369.00

165.00

222.00

253.00

2.80

OEES Technical Information Sys

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B

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E

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0.89

C

NICKEL POTASSIUM SELENIUM MAGNESIUM MANGANESE

254.00

1300.00

182.00 13.30 1.10

591.00 104.00 4.20

427.00

66.30

14.40 1.30

В

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Ogden Environmental and Energy Services

Thu May 07 17:35 1998 Page 22

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

D:\MMR\PROGRAMS\GRP_B.DB (1755 of 1755 records) 05/07/98 17:22.1 read by mlboyajian	IM40HG (MG/KG) MERCURY	ZINC	VANADIUM	THALLIUM	SODIUM	IM40 (MG/KG) Continued SILVER	Method Analyte	Depth	Date Sampled	OGDEN ID	EPA NO
I.DB (1755 of 1755 reco	0.06	10.70	16.10	1.20	115.00	0.40	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		12/17/97	B42JAA	B42JAA
ords) 05/07//	u	J E		٦		C	B REV QUAL AL QUAL CODE				
98 17:22.1 read by mlboyajia	0.06 U	14.30 J E	17.20	1.10 U	102.00 U	0.35 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		12/17/97	В42ЛВА	B42JBA
	0.05 U	9.50 J E	20.20	1.30 U	129.00 U	0.45 U	E RESULT QUAL QUAL CODE		12/17/97	B42KAA	B42KAA
Ogden Environment	0.04 UJ B	12.00 J E	16.00	1.10 U	105.00 U	0.36 U	RESULT QUAL QUAL CODE		12/17/97	B42KBA	В42КВА
Ogden Environmental and Energy Services	0.04 U	9.20 J *2	14.40	1.30 UJ B	94.20 U	0.24 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		10/31/97	BM6CAA	BM6CAA

T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Thu May 07 17:35 1998 Page 23

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

N ID	BM6CAD 10/31/97		BM8AAA 10/31/97		BM8BAA 10/31/97			BM8CAA 10/31/97
Depth Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	VEV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV QUAI	ANAL	YTTCAL LAB	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	YTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE
350.2M (MG/KG)								
353.2M (MG/KG)	10.00	>	14.10	>		17.00	17.00	
NITRATE/NITRITE (AS N)	0.05	JF	0.94			0.04	0.04 J F	J
365.2 (MG/KG)				<u> </u>				
PHOSPHORUS, TOTAL ORTHOP	118.00		53.50			66.80	66.80	66.80 67.40
CYAN(MG/KG)	0.70		0.56	G		0.67	0.67 U	
IM40 (MG/KG)								
ALUMINUM	5480.00		2780.00			6470.00	6470.00	6470.00 6300.00
ANTIMONY	0.63	U	0.55	□		0.51	0.51 J *10	J *10
ARSENIC	1.80	UJ B	1.00			2.80	2.80	2.80 3.30
BARIUM	10.20		5.10			7.70	7.70	7.70 6.40
BERYLLIUM	0.09		0.04			0.08	0.08	0.08
CADMIUM	0.33		0.08	□		0.07	0.07 U	
CALCIUM	160.00		127.00			199.00	199.00	199.00
CHROMIUM, TOTAL	6.40		2.40			5.70	5.70	5.70 5.70
COBALT	1.30	1	0.62	1		1.00	1.00	,
RON			3490.00			7830.00		732
LEAD	9.10		6.40			14.40	14.40	14.40
MAGNESIUM	460.00		117.00			309.00	309.00	309.00 324.00
MANGANESE	23.30		13.80			22.30	22.30	22.30 21.80
NICKEL	2.60		1.00	J B		2.20	2.20	2.20 2.10
POTASSIUM	252.00		126.00	UJ B		228.00	228.00	228.00 261.00
SELENIUM	0.87	_	0.76	<u></u>		1.10	J	1.10 J *2 0.89

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Ogden Environmental and Energy Services

Thu May 07 17:35 1998 Page 24

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

OGDEN ID	BM6CAD	BM8AAA	BM8BAA	BM8CAA	BM8CAD
Date Sampled	10/31/97	10/31/97	10/31/97	10/31/97	10/31/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (MG/KG) Continued			-		
SILVER	0.24 U	0.21 U	0.19 U	0.24 U	0.24 U
SODIUM			75.10 U		
THALLIUM	1.30 UJ B	1.10 UJ B	1.00 UJ B	1.30 UJ B	1.30 UJ B
VANADIUM	14.80	9.50	19.20	16.70	19.70
ZINC	9.30 J *2	5.30 J *2	8.20 J *2	8.50 J *2	8.60 J *2
IM40HG (MG/KG)					
MERCURY	0.05 U	0.05 U	0.05 U	0.05 U	0.04 U

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Thu May 07 17:35 1998 Page 25

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	SOSDIA		S05DJA		S05DKA		SOSDLA		S05DMA	
	SOSDIA		SOSDJA		S05DKA		SOSDLA		SOSDMA	
Date Sampled	10/31/97		11/3/97		11/3/97		11/3/97		11/3/97	
Depth										
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL CODE	ANALYTICAL LAB REV QUAL CODE	REV QUAL CODE	ANALYTICAL L RESULT	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL L RESULT C	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
350.2M (MG/KG)										
NITROGEN, AMMONIA (AS N)	2.00	UJ R,*2	2.10	UJ R,*2	2.10	UJ R,*2	2.10	UJ R,*2	2.00	UJ R,*2
353.2M (MG/KG)										
NITRATE/NITRITE (AS N)	0.01	JF	0.02	J F	0.02	JF	0.04	JF	0.02	J F
365.2 (MG/KG)										
PHOSPHORUS, TOTAL ORTHOP	71.70		33.30		37.50		77.20		27.60	
CYAN (MG/KG)										
CYANIDE	0.54	U	0.61		0.62	U	0.64	U	0.57	u
IM40 (MG/KG)										
ALUMINUM	1010.00		876.00		739.00		2790.00		1020.00	
ANTIMONY	0.51	U	0.69	UJ B	0.42	U	0.58	С	0.52	ū
ARSENIC	1.20		1.10		0.98		2.20		1.10	
BARIUM	6.40		3.80		2.40		13.40		4.40	
BERYLLIUM	0.12		0.09		0.10	_	0.21		0.10	
CADMIUM	0.07	U	0.07	u	0.06	U	0.08	u	0.07	
CALCIUM	129.00		116.00		53.10		495.00		92.20	
CHROMIUM, TOTAL	3.40		2.60		2.20		17.60		2.20	
COBALT	1.30		0.84		0.65		2.30	-	0.74	
COPPER	2.40		1.70	J F	1.20	J F	2.70		1.20	и в
RON	3910.00	-	2290.00		3010.00		7790.00		2590.00	
LEAD	2.20		1.50	J *2	1.50		4.00		1.80	
MAGNESIUM	284.00		242.00		194.00		1110.00		247.00	
MANGANESE	38.80		23.40		13.70		95.30		15.60	
	2.00		1.60		0.96	J B	4.30		1.20	
NICKEL	264.00		219.00		180.00		725.00		207.00	
NICKEL POTASSIUM						_			1	=

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Ogden Environmental and Energy Services

Thu May 07 17:35 1998 Page 26

GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

SOSDIA SOSDIA SOSDIA SOSDIA SOSDIA	ID SOSDIA SOSDIA SOSDIA SOSDIA SOSDIA
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COUNTY CO	
	Date Sampled 10/31/97 11/3/97 11/3/97 11/3/97
10/31/97 11/3/97 11/3/97	Problem in the control of the contro
ampled 10/31/97 11/3/97 11/3/97	Depth
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13,	T.) (L) (L) (L) (L) (L) (L) (L) (273.00 3.50 15.70		0.01 0.01 0.01 0.01 5.00 2.90	J R,*2		C C C C C C C C C C C C C C C C C C C	CCODE CODE F	RESULT OF 196.00	AL QUAL O
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Lange	T. AMMONIA (AS N) 1. AMMONIA (AS N) 2. AMMONIA (AS N) 3. COTAL ORTHOP 4. TOTAL ORTHOP 4. TOTAL 4. TOTAL 4. TOTAL 5. 00 6. 88. 40 6. 49 6. 49 6. 80 7. 70 7. 80 7. 80 7. 80 7. 80 8. 80 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9. 90 9.	73.00 3.50 3.60 15.70				133	5 5	F. *2	196.00	ū
TUSTITE (AS N) Output Output	US, TOTAL ORTHOP 6.19 J R 5.00 U 5.00 U 5.00 U 6.49 W. TOTAL 6.80 U 6.80	73.00 3.50 3.60 15.70				0.02 0.34 5.00 1330.00	5 D	Ľ.	196.00	מ
US, TOTAL ORTHOP 0.19 0.19 1 R 1 R 1 R 1 R 1 R 1 R 1 R 1	M. TOTAL M. TOTAL AS N) 4.13.60 4.25.00 4.35.00 4.35.00 4.36.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.00 4.35.	73.00 3.50 3.60 15.70				6.00 0.34 5.00 1330.00	, D	Ŀ	196.00	ם
US, TOTAL ORTHOP 5.00 U 5.0	US, TOTAL ORTHOP 6.19 J R 5.00 U 5.00 U 5.00 U 5.00 U 6.49 U 6.360.00 U 6.80 U 6.80 C	3.50 3.60 15.70			n n:	6.34 5.00 1330.00			196.00	ם
NA TOTAL ORTHOP 0.19 J R	M 5.00 U 5.00 W 3.50 W 3.50 W 6.49 W 43 W. TOTAL B. 22.90 W 43 W. TOTAL 32.40 W 43 W. TOTAL 32.40 W 43 W. TOTAL 32.40 W 43 W. TOTAL 32.90 W 43 W 43 W 45 W 45 W 45 W 45 W 45 W 45	73.00 3.50 3.60 15.70			n n:	6.34 5.00 1330.00			196.00	D
M 9880.00 U 5.00 U	M 9880.00 U 2 Y 3.50 U 3.50 W 3.60 W 4.30 W	73.00 3.50 3.60 15.70			n n:	5.00			196.00	ח
M 9880.00 U 273.00 U 21.90 U 1330.00 U	M 9880.00 Y 3.50 U 3.60 U 88.40 W 0.30 U 6360.00 U 43 L12200.00	3.50 3.60 15.70			b b:	5.00 1330.00			196.00	D
M 9886.00 L 273.00 U 21.90 U 1330.00 U 1330.00 U 2.90 U 18.40 U	M 3.50 U 2 3.60 W 3.60 W 6.49 W 6.80	3.50 3.50 3.60 15.70			n :	1330.00			196.00	Ŋ
INUM 9880.00 U 3.50 U 2.73.00 U 2.90 U 2.200.00 U 2.30 U 2.200.00 U 2.30 U 2.200.00 U 2.30 U 2.200.00 U	INUM 9880.00 U 2 4ONY 3.50 U U MIC 88.40 U U INM 0.30 U 43 IUM 6360.00 U 43 MIUM, TOTAL 32.40 43 LT 2.90 Z 3R 6.80 Z	3.50 3.60 3.60 15.70			n:	1330.00	0		196.00	n
4ONY 3.50 U 3.50 U 2.90 U 2.90 U 2.90 U 3.60 U 3.60 U 2.50 U 2.90 U 5.10 U 9.40 U	40NY MIC 3.60 U 88.40 0.49 HUM 6360.00 U 439 MIUM, TOTAL 2.90 SR 12200.00 27					000	_		2 00	D
MIC 3.60 U 3.60 U 2.50 U 5.10 Y LLUM 88.40 15.70 0.10 U 3.60 U 19.40 Y LLUM 0.49 U 0.10 U 0.00 U 0.40 U LLUM 0.30 U 0.67 U 0.00 U 0.40 U UM 32.40 U 4390.00 U 2.60 U 1.10 U 2.60 UM 32.40 U 4390.00 U 1.30 U 2.60 U 1.30 U 2.20 U 2.20 U 2.	NIC 3.60 U					K.7			06:7	
IMM 88.46 15.70 15.70 3.60 U 19.40 J 19	M 88.40 ULIUM 0.49 UUM 0.30 U 6360.00 UM 439 MIUM, TOTAL 32.40 LT 6.80 12200.00 27	15.70			n	5.10	0		2.50	n
LLUM 0.49 0.10 U 0.10 0.10 U 0.10 U 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	LLTUM 0.49 IUM 0.30 UM 6360.00 32.40 LT 2.90 3R 12200.00 27				n	19.40	0		4.10	01* L
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IUM 6360.00 U 439 UM 6360.00 U 439 MIUM, TOTAL 32.40 LT 6.80 I12200.00 27				n	0.18		*10	0.10	D
UM 6360.00 4390.00 J. II. 1.10 J. F,*I0 0.90 U 2.60 J. II.	MUM, TOTAL 32.40 LT 2.90 RR 6.80 12200.00	0.67			n	0.40			0.40	D
MIUM, TOTAL 32.40 1.10 J F,*10 U 2.60 U 2.60 J *10 LT 2.90 U 1.30 U 1.30 J *10 SR 6.80 U 1.10 U 5.30 J F SR 6.30 U 1.80 U 1.70 U 3.50 J *2 ESIUM 3350.00 1430.00 U 1200.00 U 1680.00 J *2 ANESE 249.00 0 1330.00 U 1.70 U 154.00 J *10 I L 7.20 2.10 U 0.99 U 1.70 J *10 I SSIUM 3490.00 1330.00 U 633.00 U 1.70 U I I I I I I I I I I I I I I I I I <td>MIUM, TOTAL 32.40 LT 2.90 SR 6.80 12200.00</td> <td>4390.00</td> <td>20</td> <td>00.00</td> <td></td> <td>3100.00</td> <td>0</td> <td></td> <td>2720.00</td> <td></td>	MIUM, TOTAL 32.40 LT 2.90 SR 6.80 12200.00	4390.00	20	00.00		3100.00	0		2720.00	
LT 2.90	ELT 2.90 SR 6.80 12200.00		F,*10		n	2.60	0		06.0	n
SR 6.80 2.30 U 1.10 U 5.30 J F 12200.00 279.00 U 20.40 U 22200.00 J *2 ESIUM 3350.00 1430.00 U 1200.00 U 1680.00 J *2 ANESE 249.00 61.30 U 0.90 U 154.00 J *10 L 7.20 1330.00 633.00 U 1.70 J *10 I SSIUM 3490.00 1330.00 633.00 I350.00 I350.00 I I II	SR 6.80 27				n	1.30		01*	1.30	n
ESIUM 3490.00 1330.00 0 5279.00 U 1.70 U 3.50 J *2 ESIUM 3350.00 0 1.80 U 1.70 U 3.50 J *2 I 430.00 0 1.70 U 3.50 J *2 I 54.00 U 1.50.00 U 1.54.00 J *10 I 34.00 U 1.30 U 1.30 U 1.50 U I.50.00 J I.50 U	12200.00				n	5.30		F	1.10	D
ESIUM 3350.00 1.80 U 1.70 U 3.50 J *2 I 1.80 ESIUM 3350.00 I 1430.00 U 1.200.00 U 1.50 U 1.70 J *10 I 1.50 U 1.50 U 1.50 I 1.50 I 1.50 U 1.50					n	2200.00	0		247.00	J *2
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6.30				n	3.50		*2	1.70	D
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3350.00	1430.00	12	00.00		1680.00	0		1190.00	
T.20 U 0.90 U 1.70 J *10 IU 3490.00 II 330.00 II 330.00	249.00	61.30		2.50		154.00	0		105.00	
3490.00 1330.00 633.00 1350.00	7.20		_		n	1.70		01*	06.0	n
	3490.00	1330.00	_	533.00		1350.00	0		1060.00	
SELENIUM 4.70 U 4.70 U 4.00 U 4.00 U	4.70 U				n	4.00			4.00	D

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97	EPA NO	W02DDA	W02DDL	W04SSA	W07DDA	W07DDL	
11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97	OGDEN ID	W02DDA	W02DDL	W04SSA	W07DDA	W07DDL	
Continued 2.10 U 2.10 U 1.10 U 1.20 U	Date Sampled	11/19/97	11/19/97	11/4/97	10/31/97	10/31/97	
Continued Cont	Depth						
1.10 U 6736.00 6.00 U 1.20 U 10.40 UJ B 0.10 U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	1	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QUAL QUAL	QUAL
0.10 U 6739.00 U 6.00 U 1.20 U 10.40 U B 10.40 U B 10.10 U	IM40 (UG/L) Continued						
6.00 U 6.00 U 1.20 U 10.40 UJ B 0.10 U	SILVER						
0.10 U B 0.10 U B	SODIUM	21500.00	22600.00	6730.00	6120.00	6140.00	
1.20 U 10.40 UJ B 0.10 U	THALLIUM						
0.10 UJ B	VANADIUM	12.50			4.10		
O.10 U	ZINC	ſŊ	n n	UJ	UJ	m	В
0.10 U	IM40HG (UG/L)						
	MERCURY						
	D-IMMR/PROGRAMS/GRP	C DB (977 of 977 records) 05/07/98	17.22 2 read by mlbyvaiian				

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

EPA NO	W07SSA			W07SSL		WIZ	W17DDA		*	W17DDL		W17SDL		
<u> </u>	W07SSA			W07SSL		W17DDA	DDA		W	W17DDL		W17SDL		
Date Sampled	10/31/97			10/31/97		11/11/97	161		11,	11/11/97		11/10/97		
Depth														
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV	AL CODE	ANALYTICAL I	LAB REV QUAL QUAL QUAL QUAL QUAL		ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL CODE	7.80	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	REV QUAL	ANALYTICAL LAB RESULT QUAI	LAB REV QUAL QUAL QUAL QUAL QUAL QUAL CODE	QUAL
350.2M (MG/L)														
NITROGEN, AMMONIA (AS N)	0.02	7	R, *2				0.02	UJ R,*2	*2					
353.2M (MG/L)														
NITRATE/NITRITE (AS N)	0.01	n					0.01	n						
365.2 (MG/L)														
PHOSPHORUS, TOTAL ORTHOP	0.01	_					0.25							
CYAN (UGL)														
CYANIDE	5.00	n	H				2.00	n		and also a Visionia				
IM40 (UGL)														
ALUMINUM	40.50	7	01*	21.90	n		00.889			17.50	UJ B	23.60	UJ	B
ANTIMONY	2.90	D		2.90	n		3.50	D		3.50	D	3.50	D	
ARSENIC	2.50	D		2.50	n		3.60	D		3.60	n	3.60	D	
BARIUM	13.60			13.40			24.20			15.20		11.40	7	*10
BERYLLIUM	0.10	D		0.10	n		0.10	D	_	0.10	n	0.10	n	B
CADMIUM	0.40	D		0.40	D		0.30	UJ B		0.30	UJ B	0.30	n	
CALCIUM	1260.00			1330.00			9600.00			9710.00		4500.00		
CHROMIUM, TOTAL	1.10	7	01*	0.98	01* f	0	1.10	n		1.10	n	1.10	n	
COBALT	3.70			3.40			1.70	n		1.70	n	1.70	n	
COPPER	1.60	7	F,*10	1.20	7	F, *10	1.60	D		1.60	n	1.60	D	
RON	178.00	7	*2	118.00	7		875.00			228.00		47.10	~	01×
LEAD	1.70	D		1.70	D		1.80	n		1.80	n	1.80	D	
MAGNESIUM	955.00			00.696			3500.00			3460.00		1740.00		
MANGANESE	137.00			139.00			121.00			. 112.00		398.00		
NICKEL	0.40			8.90			2.10	D		2.10	n	2.60	7	*10
POTASSIUM	1940.00			1980.00			2260.00			2050.00		1270.00		
SELENIUM	4.00	ח		4.00	n		4.70	n		4.70	n	4.70	E	*2

D.MMRIPROGRAMSIGRP_C.DB (927 of 927 records) 05/07/98 17:22.2 read by mlboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Ogden Environmental and Energy Services

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

	W07SSA	W07SSL	WI7DDA	W17DDL	WI/SDL
OGDEN ID	W07SSA	W07SSL	W17DDA	W17DDL	W17SDL
Date Sampled	10/31/97	10/31/97	11/11/97	11/11/97	11/10/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (UG/L) Continued					
SILVER	U.10 U	U 01.1	2.10 U	2.10 U	2.10 U
SODIUM	5500.00	5680.00	13100.00	13200.00	7760.00
THALLIUM				6.30 U	
VANADIUM	1.20 U	1.20 U	1.60 U	1.60 U	1.60 U
ZINC	9.40 UJ B	8.90 UJ B	5.00 J *10	3.20 U	3.20 U
MERCURY	0.10	0.10 U	U 0.10	0.10 U	0.10 U

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

EPA NO	WI/SSA			W17SSD			W17SSL		W23M2A	W23M2L	
OGDEN ID	W17SSA			W17SSD			W17SSL		W23M2A	W23M2L	
Date Sampled	11/10/97			11/10/97			11/10/97		11/11/97	11/11/97	
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REY	V QUAL AL CODE	ANALYTICAL LAB RESULT QUAI	LAB REV QUAL QUAL QUAL QUAL	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	V QUAL AL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL
350.2M (MG/L)											
NITROGEN, AMMONIA (AS N)	0.02	U	J R,*2	0.02	n	R,*2			0.02 UJ R,*2	.2	
353.2M (MG/L)											
NITRATE/NITRITE (AS N)	01.0			0.10					0.03 J F		
365.2 (MG/L)											
PHOSPHORUS, TOTAL ORTHOP	0.02	7	1	0.02	7	F			0.01 U		
CYAN (UGAL)											
CYANIDE	5.00	D		5.00	D				5.00 U		
IM40 (UGL)											
ALUMINUM	138.00			173.00			41.30 UJ	J B	12.30 U	12.30	n
ANTIMONY	3.50	n		3.50	D		3.50 U		3.50 U	3.50	n
ARSENIC	3.60	D		3.60	D		3.60 U		3.60 U	3.60	n
BARIUM	13.90			13.10			12.10		O0.9	00.9	D
BERYLLIUM	0.10	UJ	J B	0.10	IUJ	В	0.10 UJ	J B	0.10 UJ B	0.10	n
CADMIUM	0.39	7	01.	0.30	D		0.30 U		0.30 U	0.30	n
CALCIUM	5040.00			4800.00			4760.00		1850.00	1890.00	
CHROMIUM, TOTAL	1.10	D		1.10	n		U 01.10		1.10 U	1.10	D
COBALT	1.70	D		1.70	D		U 07.1		1.70 U	1.70	D
COPPER	1.60	D		1.60	n		U 09.1		1.60 U	1.60	n
IRON	243.00			274.00			66.50		25.60 U	25.60	D
LEAD	1.80	n		1.80	ח		U.80 U		1.80 U	1.80	n
MAGNESIUM	1960.00			1940.00			1850.00		977.00	1020.00	
MANGANESE	451.00			444.00			425.00		117.00	124.00	
NICKEL	2.40	7	01.	3.50	7	01.	3.20	01.	2.10 U	2.10	D
POTASSIUM	1460.00			1410.00			1370.00		663.00	90.899	
SELENIUM	4.70	D	1 *2	4.70	CD	*2	4.70 UJ	J *2	4.70 UJ *2	4.70	UJ *2

D:\MMR\PROGRAMS\GRP_C.DB (927 of 927 records) 05/07/98 17:22.2 read by mlboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Ogden Environmental and Energy Services

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

March Marc	EPA NO	W17SSA		W17SSD		WI/SSL		w23M2A		W23M2L	42L		-
Third Thir	OGDEN ID	W17SSA		W17SSD		W17SSL		W23M2A		W23N	42L		
AMAZITICAL Line RESERVE COURT	ate Sampled	11/10/97		11/10/97		11/10/97		11/11/97		11/11/	167		
AMALYTICAL LAB REV QUAL AMALYTICAL LAB REV QUAL CODE	Depth				† •		1						
2.10 U 2.10 U 2.10 U 2.10 8210.00	Fethod Analyte	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL	REV		ALYTICAL LAB RESULT QUAL	REV QUAL CO	OD
2.10 U 2.10 U 2.10 U 2.10 U 6.30 U 6.30 U 6.30 U 1.60 U 1.	IM40 (UG/L) Continued												
8210.00	SILVER	2.10		2.10		2.10	D	2.10	n		2.10	n	
6.30 U 6.30 U 1.60 U 1.	SODIUM	8620.00		8480.00		8210.00	_	2690.00		-	2960.00		
1.60 U 1.60 U 1.60 U 2.80 J 10 0.10 U	THALLIUM	6.30		6.30		6.30	D	6.30	n		6.30	n	
3.40 J *10 3.50 J *10 5.80 J 0.10 U 0.10 U 0.10 U	VANADIUM	1.60		1.60		1.60	ם	1.60	n		1.60	Ω	
O.10 U 0.10 U 0.10	ZINC	3.20		3.20		3.40		3.50		0	5.80		5
	140HG (UG/L)					9	(n)	9	P		0	<u> </u>	
	MEKCUKY	0.10		0.10		0.10	D	01.0	D		0.10		
				-									

T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

W23M3D	4		The same of the sa					
IIII 1997 IIII IIIII 1997 IIIII IIIIII			W23M3L		W23MDL		W28SSA	
AMMONIA (AS N) 0.02			11/13/97		11/13/97		11/3/97	
AMMONIA (AS N) O.02 UJ R,*2 O.03 UJ R,*2 O.04 O.05 UJ R,*2 O.05 UJ R,*2 O.05 UJ R,*2 O.06 UJ R,*2 O.07 O.09 O.								
AMMONIA (AS N) O.01 U RITE (AS N) O.01 U O.02 O.03 O.04 S. TOTAL ORTHOP O.010 U O.04 S. TOTAL ORTHOP O.010 O.03 O.04 S. TOTAL ORTHOP O.010 O.03 O.04 S. TOTAL ORTHOP O.010 O.03 O.04 O.05 O.04 O.05 O.05		LAB REV QUAL QUAL		L LAB REV QUAL QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL CODE	ANALYTICAL I	LAB REV QUAL QUAL QUAL QUAL QUAL CODE
AMMONIA (AS N) O.01 U RUTE (AS N) O.01 U S, TOTAL ORTHOP O.01 U S, TOTAL ORTHOP O.01 U S, TOTAL ORTHOP O.02 U S, TOTAL ORTHOP O.03 O.04 O.05 O.								
IS, TOTAL ORTHOP 18, TOTAL OR	0.02 UJ R,*2	n	*2				0.02	n
M 3.20 W 3.20 W 3.50 W 3.60 W	-						9	
NA 37.20 U 5.00							0.08	
M 37.20 W 3.50 U 3.5	0.01 U						0.02	7
MA 3.7.20 Y 3.50 U 3.50								
M 3.20 Y 3.50 U 3.50	n						5.00	ח
NAME SE 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10								
4ONY 3.50 U 3.50 U 3.50 U 3.50 U 3.50 U 4.80 U 4.80 U U 4.80 U Y 10 U U Y 10 U U Y 10			12.30		12.30	n	21.90	n
Machine 3.60 U 3.60 U 3.60 U 3.60 U 1.480 J 1.40 I.480 J 1.40 I.40 J I.40 I.40 J I.40 I.40 J I.40 I.40 J I.4	n		3.50		3.50	n	2.90	Ω
MA	n		3.60		5.50	J *2	2.50	n
LLIUM UNM 1580.00 UN MIUM, TOTAL LT LT LT LT LT LT LT LT LT	0 I* I	7		7		01. f	7.10	,
IUM	n		0.10		0.10	n	0.10	Ω
UM 1580.00 I600.00 I620.00 I620.00 I IS IS </td <td>n</td> <td></td> <td>0.30</td> <td></td> <td>0.30</td> <td>n</td> <td>0.40</td> <td>n</td>	n		0.30		0.30	n	0.40	n
MIUM, TOTAL 0.70 U 0.70 U 0.70 U 0.70 U 1.70 U 1.80		_	1620.00		1550.00		1730.00	
ESTUM 1080.00 1 1.1 P 2.10 U 1.1 P 1.10 U 1.1 P 1.10 U 1.1 P 1.10 U 1.1 P 1.1	n		0.70		0.70	n	06.00	n
ER 2.30 U 2.30 U 2.30 U 2.30 U 8,*2,*10 25.60 U 8,*2 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n		1.70		1.70	n	1.30	n
ESIUM 1080.00 II B,*2 42.60 J B,*2,*10 25.60 UJ B,*2 10 1.80 U II.80 U II.80 U II.80 U III.80 III.80 III.80 III.80 III.80 IIII.80 IIIII.80 IIII.80 III	n		2.30		2.30	n	1.10	n
ESIUM 1080.00 U 1.80 U 1.80 U 1.80 U 1.80 U 1080.00 U 1080.00 U 1080.00 U 108.00 U 1	J B,*2	7		5		UJ B,*2	20.40	Ω
STUM 1080.00 1100.00 1080.00 10 108.00 106.00 111 D 2.10 111 D 2.10 111 D 2.10	n		1.80		1.80	n	1.70	n
NESE 108.00 106.00 111 B 2.10 111 B 2.10 111 B			1080.00		1060.00		1480.00	
d III 016 d III 016			102.06		98.60		5.60	
2.10 U.3 B 2.10 U.3 B	2.10 UJ B 2.10	UI B	2.10	UJ B	2.10	UJ B	3.80	
POTASSIUM 654.00 655.00 655.00		-	662.06		655.00		1010.00	
SELENIUM 4.70 U 4.70 U 4.70 U 4.70	D		4.70		4.70	ם	4.00	n

DAMMRAPROGRAMSIGRE C.DB (927 of 927 records) 05/07/98 17:22.2 read by mlboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05\05\98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

Date Sampled Int 3977	EPA NO	W23M3A	W23M3D	W23M3L	W23MDL	W28SSA	
11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97	OGDEN ID	W23M3A	W23M3D	W23M3L	W23MDL	W28SSA	Ī
NAMS/GRE_C DB (927 of 927 records) 05/07/98 77.22 read by mlboyagian	Date Sampled	11/13/97	11/13/97	11/13/97	11/13/97	11/3/97	
1.80 U 1.60 U	od Me	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL, QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE	ANALYTICAL LAB REV QU RESULT QUAL QUAL CC	JAL
6470.00 6510 6520.00 6530 0 6530 0 6530 0 6530 0 6530 0 6530 0 1160 0 1160 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0 1160 0	(UG/L) Continued						
6470.00	VER						
6.30 U 6.30 U 1.60 U 1.60 U B 11.60 U B 8.30 U B	MOIC	6470.00	6540.00	6680.00	6530.00	5320.00	
MASIGRP_C DB (927 of 927 records) 05/07/98 17.22 2 read by mlboyajian	TLIUM						
8.30 UJ B 6.90 UJ B 11.60 UJ B 0.10 U 0.10 U 0.10 U 0.10 B 0.10 SO O O O O O O O O O O O O O O O O O O	VADIUM						
O.10 U 0.10 U 0.10 U 0.10 V O.10 V O.		UJ	UJ	n	Ω	Ω	
	HG (UGAL) RCURY						
		•					
	AR\PROGRAMS\GRP	C DB (927 of 927 records) 05/07/98	17.22.2 read by mlboyajian		Ooden Environment	tal and Energy Servi	

T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

EFAINO	W28SSL			W29SSA			W29SSL			W30SSA			W30SSL		
OGDEN ID	W28SSL			W29SSA			W29SSL			W30SSA			W30SSL		
Date Sampled	11/3/97			11/3/97			11/3/97			11/20/97			11/20/97		
Depth															
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV	QUAL	ANALYTICAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	QUAL QUA	V QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB R QUAL Q	EV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV	CODE
350.2M (MG/L)															
NITROGEN, AMMONIA (AS N)				0.02	n	R,*2				0.02	n Z			-	
353.2M (MG/L)	_														
NITRATE/NITRITE (AS N)				0.04	7	F				0.03	~				
365.2 (MG/L)															
PHOSPHORUS, TOTAL ORTHOP				0.01	D					0.01		UJ R			
CYAN (UG/L)															
CYANIDE				5.00	n					5.00	0				
IM40 (UGL)															
ALUMINUM	21.90	D		21.90	D		21.90	D		12.30	n (13.80	n	В
ANTIMONY	3.10	D	В	2.90	D		4.00	5	B	3.50	0	_	3.50	0	
ARSENIC	2.80	7	01.	2.50	n		2.50	D		3.60	0		3.60	n	
BARIUM	7.00	ſ	01.	9.20			9.50			19.00	-		18.40		
BERYLLUM	0.10	D		0.10	n		0.10	D		0.10	0		0.10	D	
CADMIUM	0.57	7	01*	0.40	n		1.10			0.30	<u>n</u>		0.30	ח	
CALCIUM	1750.00			2160.00			2190.00			1580.00	-		1550.00		
CHROMIUM, TOTAL	06.0	D		06.0	n		06.0	D		1.30	,	01.	1.10	n	
COBALT	1.30	D		1.30	n		1.30	n		1.90		01*	2.30		
COPPER	1.60	~	F, *10	1.10	D		1.40	III	<u>B</u>	2.30	0		2.30		
IRON	20.40	D		20.40	n		32.50	n	В	79.20	-		55.10		
LEAD	1.70	ח		1.70	n		1.70	n		1.80	D C	lune.	1.80	D	
MAGNESIUM	1470.00			1320.00			1310.00			1580.00	-		1530.00		
MANGANESE	5.40			7.30			7.70			89.70	-		86.00		
NICKEL	2.90			06.0	n		0.98	7	01*	2.50	7	01.	2.70	7	110
POTASSIUM	975.00			745.00			683.00			00.099	2	B	603.00	~	B
SELENIUM	4 00	D		4.00	n		4.00	ח		4.70			4.70	\supset	

D:\MMR\PROGRAMS\\GRP_C.DB\((927\) of 927\records\)\(05/07/98\)\(17.22.2\)\ read by mlboyajian T:\CLEAN\\MMR\\COC.DB\((2039\)\records\)\(05/05/98\)\(17.55.3\)

Ogden Environmental and Energy Services

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

OGDEN ID W28SSL Date Sampled 11/3/97 Depth Analyte Analyte Analyte Analyte 1.10 SILVER 5500.00 SODIUM 6.00 THALLIUM 1.20 VANADIUM 1.20 ZINC 10.70 MERCURY 0.10	M 2	9SSA ANALYTICAL LAB REV QUAL RESULT 1.10 6880.00 6.00 1.20 U 9.70 U 9.70 U 0.10 U	W29SSL 11/3/97 11/3/97 1.10 6770.00 6.00 1.20 9.30 0.10	B REV QUAL U U U U U U U U U	W30SSA 11/20/97 ANALYTICAL L RESULT 6240.00 6.30 1.60 24.50	LAB REV QUAL CODE UI B UI B UI B	W30SSL 11/20/97 ANALYTICAL LAB RESULT QUAL 2.10 6180.00 6.30 1.60 32.10	REV	QUAL
ampled d Ate Ate TER IUM LLIUM ADJUM ADJUM ADJUM CCURY	[7]	SULT CAB REV QUAL CODE SULT QUAL QUAL CODE 6.00 U B. 1.20 U B. 9.70 UJ B. 9.70 UJ B. 0.10 U	11/3/97 ANALYTICAL LAF RESULT QUA 6.00 1.20 9.30 0.10	REV QUAL U U U U U U U U U U U U U U U U U U	0.10 0.10	LAB REV QUAL CODE OUT	11/20/97 AMALYTICAL LAR RESULT QUA 6.30 6.30 1.60 32.10	REV	UAL
d (UGA) Continued ER LLIUM ADIUM (GUGA)		SULT QUAL LAB REV QUAL CODE 1.10 U 6.00 U 1.20 U 9.70 UJ B 0.10 U	1.10 6770.00 6.00 1.20 9.30 0.10	REV QUAL U U U U U U U U U U U U U U U U U U	2.10 6240.00 6.30 1.60 24.50	CAB REV QUAL QUAL CODE U U U U U U U	ANALYTICAL LAE RESULT QUA 2.10 6180.00 6.30 1.60 32.10	REV QUAL	UAL
e. IGAL) Continued IR IM LIUM DIUM GRUM CHAN		SULT OUAL LAB REV QUAL SULT OUAL QUAL QUAL QUAL CODE (CODE CODE CODE CODE (CODE CODE CODE CODE CODE (CODE CODE CODE CODE CODE CODE (CODE CODE CODE CODE CODE CODE CODE CODE	4NALYTICAL LAB RESULT QUA 6.00 1.20 9.30 0.10	REV QUAL U U U	2.10 6240.00 6.30 1.60 24.50	AB REV QUAL CODE CODE UT DI B UT B	4 ANALYTICAL LAB RESULT QUA 6180.00 6.30 1.60 32.10	REV QUAL	UAL
1.10 5500.00 6.00 1.20 10.70	m	ם ממם מ	1.10 6770.00 6.00 1.20 9.30 0.10		2.10 6240.00 6.30 1.60 24.50		2.10 6180.00 6.30 1.60 32.10		ODE
1.10 5500.00 6.00 1.20 10.70		ת מתת ת	1.10 6.00 6.00 1.20 9.30 0.10		2.10 6240.00 6.30 1.60 24.50		2.10 6180.00 6.30 1.60 32.10	_	
5500.00 6.00 11.20 10.70	æ	ם מֿמם	6770.00 6.00 1.20 9.30 0.10		6240.00 6.30 1.60 24.50 0.10		6180.00 6.30 1.60 32.10	D	
6.00 1.20 10.70 0.10			6.00 1.20 9.30 0.10		6.30 1.60 24.50 0.10		6.30 1.60 32.10		
1.20		ם מ	9.30		24.50		32.10	n	
0.10		n n	9.30		24.50		32.10	n	
0.10			0.10	Þ	0.10	Ω	O. C.	T I	В
							01:0	I I	В
D:\MMR\PROGRAMS\GRP_C.DB (927 of 927 records) 05/07/98 17:22.2 read by mlboyajian	05/07/98 17:22.2 r	ead by mlboyajian			Orden Er		Orden Envisormental and Energy Services		- Constant

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

OGDEN ID	W9701A			W9701D			W9701L		W9702A			W9702L		
Date Sampled	11/19/97			11/19/97			11/19/97		11/20/97			11/20/97		
Depth					ļ							2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUA	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAI	QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	L LAB RE QUAL QU	V QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAI	QUAL
350.2M (MG/L)								-						
NITROGEN, AMMONIA (AS N)	0.02	n		0.02	D				0.02	2 D				
353.2M (MG/L)														
NITRATE/NITRITE (AS N)	0.28			0.28					0.04	*				
365.2 (MG/L)				,										
PHOSPHORUS, TOTAL ORTHOP	0.04	~	×	0.04	7	×			0.04	<i>*</i>	×			
CYAN (UGL)														
CYANIDE	5.00	n		5.00	n				5.00	n				
IM40 (UG/L)														
ALUMINUM	92.90			53.80	D.	В	20.70	UJ B	33.80	fn c	J B	71.50	n	В
ANTIMONY	3.50	Ω		3.50	n		3.50	Ω	3.50	D C		3.50	n	
ARSENIC	3.60	n		3.60	n		3.60	n	3.60	n c		3.60	n	
BARIUM	4.20	ח		4.20	ח		4.20	n	4.20	n		4.20	D	
BERYLLIUM	0.10	n		0.10	ח		0.10	n	0.10	n		0.10	n	
CADMIUM	0.30	n		0.30	D		0.30	n	0.30	n c		0.30	D	
CALCIUM	2180.00			2240.00			2260.00		2070.00	0		2080.00		
CHROMIUM, TOTAL	1.40	~	F, *10	1.50	7	F, *10	2.60	JF	1.10	n c	-07-10-000	1.10	D	
COBALT	1.70	n		1.70	n		1.70	Ω	1.70	n		1.70	D	
COPPER	2.30	n		2.30	n		2.30	n	2.30	n		2.30	D	
IRON	96.10	7	F	46.30	7	F,*10	25.60	n	25.60	n o		108.00		
LEAD	1.80	n		1.80	n		1.80	n	1.80	n c		1.80	ם	
MAGNESIUM	1080.00			1050.00			1110.00		965.00	0		993.00		
MANGANESE	3.80	7	F	3.00	7	F	0.86	JF	1.60	7	F	23.10		
NICKEL	2.10	D		2.10	n		2.10	n	2.10	n o		2.10	n	
POTASSIUM	620.00	7	В	504.00	ſ	В	411.00	J B,*10	9 372.00	9	B, *10	455.00	7	В
SELENIUM	4.70	ם		4.70			4.70	n	4.70	n o		4.70	n	

D.MMRNPROGRAMS\(GRP_C.DB\) (927 of 927 records) 05/07/98 17:22.2 read by miboyajian T.\(CLEAN\)MMR\(COC.DB\) (2039 records) 05/05/98 17:55.3

Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

Date Sampled	NID W9701A W9701D W9701L W9701L W9701A W970	NID W9701A W9701D W9701L W970	EPA NO	W9701A	W9701D	W9701L	W9702A	W9702L
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11/19/97 11/19/97 11/19/97	OGDEN ID	W9701A	W9701D	W9701L	W9702A	W9702L
Continued Cont	Continued Cont	AMALYTICAL ANB REV QUAL AMALYTICAL LAB RESULT QUAL QUAL AMALYTICAL AMALYTICAL AMALYTICAL AMALYTICAL AMALYTICAL QUAL AMALYTICAL AMALYTICAL QUAL AMALYTICAL AMALYTICAL QUAL AMALYTICAL AMALYTICAL QUAL AMALYTICAL AMALYTICAL QUAL AMALYT	Date Sampled	11/19/97	11/19/97	11/19/97	11/20/97	11/20/97
ANALTICAL LAN BEY GOAL ANALTICAL LAN BEY GOAL ANALTICAL LAN BEY GOAL	ANALYTICAL LAN BRY GOAD	Annitria Lab RESULT QUAL CODE RESULT QUAL CODE	Jepth					
7550.00 U 2.10 U 2.10 U 2.10 U 2.10 U 6380.00 C 6380.00 U 6380.00 U 630 U 160	7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 7558.00 755	7330.00	Aralyte.	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.10 U 2.10 U 2.20 U 2.	755000 U 753000 U 766000 U 643000 U 644000 U 644	2.10 U 2.10 U 7330.00	M40 (UG/L) Continued					
7558.00 5.30 1.60 1.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.1	7350.00 1	7550.00 6.30 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1 1.60 0.1	SILVER					
6.30 U 6.30 U 6.30 U 6.30 U 6.30 U 6.30 U 1.60 U 1.	6.30 U 6.	6.30 U 6.30 U 1.60 U 1.	SODIUM	7550.00	7330.00	7660.00	6380.00	6440.00
1.60 U 1.	160 U B 38.70 U F 940 U B 620 U B 680 U U O 10 U D O 10 U	1.60 U 1.	THALLIUM					
7.00 UJ B 38.70 UJ B 6.20	7.00 UJ B 38.70 J F 9.40 UJ B 6.20 UJ B 6.80 UJ	7.00 UJ B 38.70 J F 9.40 UJ B 0.10 U 0.10 U 0.10 U	VANADIUM					
N 010 N 010 N 010 N 010 N 010 N 010	010 U 010 U 010 O	D 0100 D 0100	ZINC ZINC AIGA	fi	7	5	IO.	
			MERCURY					
				•				

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

OGDEN ID W9705A Date Sampled 11/20/97 Depth ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL CODE RESULT Analyte ANALYTICAL LAB REV QUAL CODE RESULT Analyte NITROGEN, AMMONIA (AS N) NITROGEN, AMMONIA (AS N) 0.02 NITRATEANITRITE (AS N) 0.09 355.2 (MG/L) 0.09	W9705L 11/20/97 analytical Lab Rev Qual Result Qual Code	B REV QUAL	W971DL 11/19/97		WL12DL		WL12XA	
ampled d Are. ROGEN, AMMONIA (AS N) LATE/NITRITE (AS N) MG/L)	7/1	B REV QUAL	11/19/97					
d (MGL) OGEN, AMMONIA (AS N) A (MGL) CATE/NITRITE (AS N) MGL)		B REV QUAL AL QUAL CODE			11/12/97		11/12/97	
AMMONIA (AS N) (RITE (AS N)		B REV QUAL AL QUAL CODE						
AMMONIA (AS N) 0.02 (RITE (AS N) 0.09			ANALYTICAL LAN	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QU
AMMONIA (AS N) 0.02 (RITE (AS N) 0.09								
RITE (AS N)							0.02	
IIIKILE (AS N)							,	
2.4 (MOLL)							0.03	7
PHOSPHORUS, TOTAL ORTHOP 0.07 J R							0.01	
CYANIDE 5.00 U							5.00	D
IM40 (UG/L)								
ALUMINUM 12.70 UJ B	122.00	•	12.30	D	12.30	n	60.30	
ANTIMONY 3.50 U	3.50	_ <u>n</u>	3.50	_ _	3.50	D	3.50	n
ARSENIC 3.60 U	3.60	D	3.60	n	3.60	D	3.80	J *2,*10
BARIUM 4.20 U	4.20	ם	4.20	n	4.20	n	40.90	
BERYLLUM 0.10 U	0.10	n	0.10	n	0.10	n	0.10	n
CADMIUM 0.30 U	0.30	ח	0.30	n	0.30	D	0.30	n
CALCIUM 2040.00	2100.00		2200.00		1870.00		61700.00	
CHROMIUM, TOTAL 1.10 U	1.10	n	1.10	n	0.70	n	0.70	D
COBALT 1.70 U	1.70	n	1.70	n	1.70	D	1.70	D
COPPER 2.30 U	2.30	n	2.30	D	2.30	D	2.30	D
RON 25.60 U	151.00		25.60	D	639.00		91.70	J B,
LEAD U.80 U	1.80	n	1.80	D	1.80	D	1.80	n
MAGNESIUM 937.00	992.00		1080.00		1170.00		9440.00	
MANGANESE 1.70 J F	3.50		0.68	J F	68.80		6.90	
MICKEL 2.10 U	2.10	n	2.10	n	5.20	J B	2.10	UJ B
POTASSIUM 601.00 J B	659.00	J B	321.00	J B,*10	0 647.00		3680.00	
SELENIUM 4.70 U	4.70	n	4.70	n	4.70	n	4.70	n

DAMMRPROGRAMSNGRP_C.DB (927 of 927 records) 05/07/98 17:22.2 read by milboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97	CODEN ID					
11/20/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97 11/19/97	CODEIVID	W9705A	W9705L	W971DL	WL12DL	WL12XA
Column	Date Sampled	11/20/97	11/20/97	11/19/97	11/12/97	11/12/97
Cardinaed Card	Depth			1		
6439.00 U 210 U 210 U 180 U 1600 U U 1600 U 1600 U 1600 U U 1600 U 1600 U U 0 U 0 U 0 U U 0 U <	Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.10 U	M40 (UGL) Continued					
6.30 U 1.60 U 1.60 U 1.60 U 1.1.20 U 1.1.2	SILVER					
6.30 U 6.30 U 6.30 U 6.30 U 6.30 U 1.60 U 1.	SODIUM		280.00			
1.60 U 1.	THALLIUM					
0.10 UJ B 6.60 UJ B 1640.00 U 0.10 U	VANADIUM					
0.10 UJ B 0.10 U 0.10 U 0.10	ZINC	n	ñ	5	1640.00	
	MERCURY	m	ñ			
1) WMR/PROGRAM (GRAD C D18 (927 of 927 records) (15/07/98 17-22 2 read by milrovarian	ONMARIPROGRAMSIGRA CIDE	(927 of 927 records) 05/07/98	17-22 2 read by mlbovaiian			

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB, & IM40HG

OGDEN ID															
	WL12XD			WL12XL											
pa	11/12/97			11/12/97											
Depth															
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV	QUAL	ANALYTICAL RESULT	LAB REV QUAL QUAL	V QUAL	ANALYTICAL	L LAB REV QUAL QUAL G	V QUAL	ANALYTICAL	CAL LAB REV	EV QUAL	ANALYTICAL	LAB REV QUAL QUAL	QUAL
350.2M (MG/L)															
NITROGEN, AMMONIA (AS N)	0.02														
353.2M (MG/L)															
NITRATE/NITRITE (AS N)	0.03	~	F												
365.2 (MG/L)															
PHOSPHORUS, TOTAL ORTHOP	0.02														
CYAN (UGL)															
CYANIDE	5.00	n													
IM40 (UGL)															
ALUMINUM	12.30	D		12.30	n										
ANTIMONY	3.50	D		3.50	<u>n</u>										
ARSENIC	3.80	7	*2,*10	3.60	n										
BARIUM	4.20	n		4.20	n										
BERYLLIUM	0.10	n		0.10	<u>n</u>										
CADMIUM	0.45	7	01*	0.39	7	01*									
CALCIUM	1980.00			1990.00	_										
CHROMIUM, TOTAL	0.70	Ω		0.70	D										
COBALT	1.70	D		1.70	D O										
COPPER	2.30	n		2.30	D										_
IRON	2680.00			647.00	_										
LEAD	1.80	Ω		1.80	D										
MAGNESIUM	1240.00			1230.00											
MANGANESE	79.50			71.50	_										
NICKEL	6.20	7	В	5.20	7	В									
POTASSIUM	707.00			00.069	•										
SELENIUM	4.70	n		4.70	n										
	÷														

D. WIMIKIPROGRAMS/GRP_C.DB (927 of 927 records) 05/07/98 17:22.2 read by miboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, IM40MB,& IM40HG

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A	Date Sampled	11/12/97	11/12/97				
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8020.00 630 U 630 U 630 U 1730.00 U 0.10 U 0.10 U 0.10 U	IM40 (UGA) Continued SILVER						
1.60 U 1.60 U 1.60 U 1.50.00 U 0.10 U 0.10 U 0.10 U 0.10 U	SODIUM		7800.00				
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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

The second secon							
OGDEN ID	B02ABA		B02BBA	B02DBA	B02EBA	Во2ГВА	
Date Sampled	11/11/97		11/11/97	11/12/97	11/12/97	11/12/97	
Depth							
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV OR RESULT QUAL QUAL QUAL	SV QUAL
OM31V (UG/KG)							
CHLOROMETHANE	30.00	n	12.00 U	12.00	U 00.11	11.00 U	
BROMOMETHANE	30.00	n	12.00 U	12.00	U 00.11	11.00 U	
VINYL CHLORIDE	30.00	n	12.00 U	12.00 U	U 00.11	U 00.11	_
CHLOROETHANE	30.00	n	12.00 U	12.00	U 00.11	U 00.11	
METHYLENE CHLORIDE	30.00	n	12.00 U	12.00 U	U 00.11	U 00.11	
ACETONE	30.00	U B	13.00 UJ B	18.00 J C	5.00 J C	6.00	S
CARBON DISULFIDE	30.00	ח	12.00 U	12.00 U	U 00.11	U 00.11	
1,1-DICHLOROETHENE	30.00	n	12.00 U	12.00 U	U 00.11	U 00.11	
1,1-DICHLOROETHANE	30.00	n	12.00 U	12.00	11.00 U	11.00 U	-
TOTAL 1,2-DICHLOROETHENE	30.00	n	12.00 U	12.00 U	11.00 U	U 00.11	
CHLOROFORM	30.00	n	12.00 U	12.00	U 00.11	11.00 U	_
1,2-DICHLOROETHANE	30.00	n	12.00 U	12.00 U	U 00.11	11.00 U	
METHYL ETHYL KETONE (2-BU	30.00	ם	12.00 U	12.00 U	U 00.11	U 00.11	-
1,1,1-TRICHLOROETHANE	30.00	n	12.00 U	12.00 U	U 00.11	11.00 U	
CARBON TETRACHLORIDE	30.00	D	12.00 U	12.00 U	11.00 U	11.00 U	
BROMODICHLOROMETHANE	30.00	n	12.00 U	12.00 U	U 00.11	11.00 U	-
1,2-DICHLOROPROPANE	30.00	n	12.00 U	12.00 U	U 00.11	U 00.11	
CIS-1,3-DICHLOROPROPENE	30.00	n	12.00 U	12.00 U	U 00 II	11.00 U	
TRICHLOROETHYLENE (TCE)	30.00	n	12.00 U	12.00 U	U 00.11	11.00 U	
DIBROMOCHLOROMETHANE	30.00	n	12.00 U	12.00 U	11.00 U	U 00.11	
1,1,2-TRICHLOROETHANE	30.00	n	12.00 U	12.00 U	11.00 U	U 00.11	
BENZENE	30.00	n	12.00 U	12.00 U	11.00 U	U.00	
TRANS-1,3-DICHLOROPROPEN	30.00	n	12.00 U	12.00 U	11.00 U	U 00.11	
BROMOFORM	30.00	n	12.00 U	12.00 U	11.00 U	00.111	_
METHYL ISOBUTYL KETONE (4	30.00	n	12.00 U	12.00 U	11.00 U	U 00.11	

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

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Interpretation Inte		B02ABA	B02BBA	B02DBA	B02EBA	B02IBA
Column C	Sampled	11/11/97	11/11/97	11/12/97	11/12/97	11/12/97
Second Continue	po po	ANALYTICAL LAB REV QUAL	ANALYTICAL LAB REV QUAL	ANALYTICAL LAB REV QUAL	ANALYTICAL LAB REV QUAL	LAB REV
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ACHLOROETHANE 30.00 U 12.00 U 12.00 U 11.00 U	RACHLOROETHYLENE(PCE	30.00				
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ENE 30.00 U 12.00 U 12.00 U 11.00 U 11	UENE	30.00				
ENE 30.00 U 12.00 U 12.00 U 11.00 U 11	COROBENZENE					
OTAL 30.00 U 12.00 U 12.00 U 11.00 U 1	HYLBENZENE					
OTAL 30.00 U 12.00 U 11.00 U 1	RENE					
METHYL ETHER METHYL ETHER METHYL ETHER METHYL ETHER METHYL ETHER Orden Etwironmental and Energy Services	LENES, TOTAL					
read by mlboyajian Ooden Environmental and Energy Services	DIBROMOETHANE (ETHYLET-BUTYL METHYLETHER					
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	MR\PROGRAMS\GRP_D.DB((786 of 786 records) 05/07/98	17.22.2 read by mlboyajian		Ooden Environment	tal and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

BO2LBA 11/13/97 11/13/97 11/13/97 12/15 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10 13/10	EPA NO	B02JBA	B02KBA		B02LBA		B02MBA		B02NBA		
11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97	OGDEN ID		B02KBA		B02LBA		B02MBA		B02NBA		
Sulf LAB REV QUAL CODE CODE	Date Sampled		11/13/97		11/13/97		11/13/97		11/13/97		
12.00 U 13.00 U 13.00 U 12.00 U 13.00 U U 13.00 U U 13.00 U U 13.00 U U U U U U U U U	Depth										
12.00 U 13.00	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB I	REV QUAL	ANALYTICAL LA RESULT QU	AL QUAL CODE	ANALYTICAL LA RESULT Q	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL	QUAL
12.00	OM31V (UG/KG)										
12.00	CHLOROMETHANE		12.00	n l	13.00	n	12.00	n	11.00	n	
12.00	BROMOMETHANE			n	13.00	Ω	12.00	n	11.00	D	
12.00	VINYL CHLORIDE			n	13.00	n	12.00	n	11.00	D	
12.00 U 13.00 U 8.00 J C 18.00 J C 12.00 U 13.00 U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U <td>CHLOROETHANE</td> <td></td> <td></td> <td>D</td> <td>13.00</td> <td>n</td> <td>12.00</td> <td>n</td> <td>11.00</td> <td>n</td> <td></td>	CHLOROETHANE			D	13.00	n	12.00	n	11.00	n	
8.00 J C 18.00 J C 12.00 U 13.00 U 13.00 U U U 13.00 U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U <td>METHYLENE CHLORIDE</td> <td></td> <td></td> <td>D</td> <td>13.00</td> <td>n</td> <td>12.00</td> <td>n</td> <td>11.00</td> <td>D</td> <td></td>	METHYLENE CHLORIDE			D	13.00	n	12.00	n	11.00	D	
12.00 U 13.00	ACETONE				18.00		19.00	JC	0.00	r	C
12.00 U 13.00	CARBON DISULFIDE			n	13.00	n	12.00	Ω	11.00	n	
12.00 U 13.00	1,1-DICHLOROETHENE			n	13.00	D	12.00	n	11.00	D	
12.00 U 13.00	1,1-DICHLOROETHANE			n	13.00	n	12.00	n	11.00	ם	
12.00 U 13.00 U 13.00 U 12.00 U 13.00	TOTAL 1,2-DICHLOROETHENE			n	13.00	n	12.00	n	11.00	D	
12.00 U 13.00	CHLOROFORM				13.00	n	12.00	n	11.00	ח	
12.00 U 13.00	1,2-DICHLOROETHANE				13.00	n	12.00	D	11.00	D	
12.00 U 13.00	METHYL ETHYL KETONE (2-BU			_ D	13.00	n	12.00	n	11.00	D	
12.00 U 13.00 U 13.00 U 12.00 U 13.00	1,1,1-TRICHLOROETHANE			n n	13.00	n	12.00	n	11.00	D	
12.00 U 13.00	CARBON TETRACHLORIDE			n	13.00	n	12.00	n	11.00	D	
12.00 U 13.00	BROMODICHLOROMETHANE			n l	13.00	n	12.00	n	11.00	D	
12.00 U 13.00 U 13.00 U 12.00 U 13.00	1,2-DICHLOROPROPANE			n n	13.00	n	12.00	n	11.00	D	
12.00 U 13.00 U 13.00 U 12.00 U 13.00 U 13.00 U 13.00 U 13.00 U 13.00 U 12.00 U 13.00	CIS-1,3-DICHLOROPROPENE			_ n	13.00	n	12.00	n	11.00	D	
12.00 U 13.00 U 12.00 U 13.00	TRICHLOROETHYLENE (TCE)			n	13.00	n	12.00	D	11.00	ם	
12.00 U 13.00 U 12.00 U 13.00 U 12.00 U 13.00 U 12.00 U 13.00 U 12.00 U 13.00 U	DIBROMOCHLOROMETHANE			n	13.00	n	12.00	n	11.00	D	
12.00 U 13.00 U 12.00 U 13.00 U 12.00 U 13.00 U 12.00 U 13.00 U	1,1,2-TRICHLOROETHANE				13.00	Ω	12.00	D	11.00	ח	
12.00 U 13.00 U 12.00 U 13.00 U 12.00 U 13.00 U	BENZENE				13.00	n	12.00	n	11.00	ח	
12.00 U 13.00 U 13.00 U 13.00 U	TRANS-1,3-DICHLOROPROPEN			_ n	13.00	D	12.00	D	11.00	n	
12.00 U 13.00 U	BROMOFORM			n	13.00	D	12.00	n	11.00	ם	
and hy milyavaijan	METHYL ISOBUTYL KETONE (4			ח	13.00	n	12.00	n	11.00	D	
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cau by initionyalian	D:\MMR\PROGRAMS\GRP_D:DB (786 of 786 records) 05/07/98	17:22.2 read by mlboyajian	yajian			Ogden En	vironment	Ogden Environmental and Energy Services	gy Ser	vices

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

EPA NO	Водлва	B02KBA	B02LBA	B02MBA	B02NBA
OGDEN ID	В02ЛВА	B02KBA	B02LBA	B02MBA	B02NBA
pa	11/12/97	11/13/97	11/13/97	11/13/97	11/13/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31V (UG/KG) Continued					
2-HEXANONE		12.00 U	13.00 U	12.00 U	11.00 U
TETRACHLOROETHYLENE(PCE		12.00 U	13.00 U	12.00 U	11.00 U
1,1,2,2-TETRACHLOROETHANE		12.00 U	13.00 U	12.00 U	U 00.11
TOLUENE		12.00 U	13.00 U	12.00 U	11.00 U
CHLOROBENZENE		12.00 U	13.00 U	12.00 U	11.00 U
ETHYLBENZENE		12.00 U	13.00 U	12.00 U	11.00 U
STYRENE		12.00 U	13.00 U	12.00 U	11.00 U
XYLENES, TOTAL		12.00 U	13.00 U	12.00 U	U 00:11
8021S (UG/KG)					
1,2-DIBROMOETHANE (ETHYLE	0.56 U				
TERT-BUTYL METHYL ETHER	0.56 U				
					30A N.
					308 300
					atav2 n
					oqemio _j
					in leound:
					7.243C
D:\MMR\PROGRAMS\GRP_D\DB (786 of 786 records) 05/07/98 17:22.2	786 of 786 records) 05/07/98	17:22.2 read by mlboyajian		Orden Francisco	
T-VCI FANIMA/RVCOC DB (20130 records) 05/05/08 17:55 3	ander 05/05/08 17:55 3			Ogucii Elivii uliliciii	Ogucii Elivirulinelitai aliu Elici gy services

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

OGDIENID BOZOBA IMAGA BIODBA Date Samped I/I/397 I/I	In 1997	EPA NO	B020BA	B04GAA	B04GAARE	B10DBA	BI2DAA		
			B020BA	B04GAA		B10DBA	B12DAA		
CGKCO MANALYTICAL [AIR] [SIVA] GOAL ACCURATION [AIR]	CHOCKAG) Resultation (Control Local Flow) (Control Lo		11/13/97	12/18/97		11/18/97	11/13/97		
CHOCKO RESULT GOAL GOAR ANALTICAL LAB BEV GOAL ANALT	CHCKGQ RESULT OLD COLD COLD COLD COLD COLD COLD COLD	Depth							
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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

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NETHOROGETHANE 1200 U 1400 U 1100 U 1100 U 1200 U 1200 U 1400 U 1100 U 1100 U 1200 U 1400 U 1400 U 1100 U 1100 U 1200 U 1400 U 1400 U 1100 U 1100 U 1200 U 1400 U 1400 U 1100 U 1100 U 1200 U 1400 U 1400 U 1100 U 1100 U 1200 U 1	TETRACHI, OROETHYI, ENE (PCE					
ENE 12.00 U 14.00 U 11.00 U 12.00 U 14.00 U 14.00 U 14.00 U 11.00 U 11.00 U 12.00 U 12.00 U 12.00 U 14.00 U 14.00 U 14.00 U 12.00 U 11.00 U 12.00 U 12	1,1,2,2-TETRACHLOROETHANE					
CENE 12.00 U	TOLUENE					
ENE 12:00 U 14:00 U 11:00 U 12:00 U 12:00 U 12:00 U 15:00 U 15	CHLOROBENZENE					
OTAL 12.00 U 14.00 U 11.00 U 12.00 U DETHAND GTHYLE 0.69 U S 0.69 R D 11.00 U 12.00 U ANTHIYL ETHER 0.69 U S 0.69 R D 0.56 U	ETHYLBENZENE					
DTAL 12.00 U 14.00 U 16.00 U 17.00 U	STYRENE					
DETHANE GETHYLE METHYLE METH	XYLENES, TOTAL					
0.69 R D 0.56 U 0.56 U	O21S (UG/KG)					
Ω 95.0	1,2-DIBROMOETHANE (ETHYLE		m	2		
	TERT-BUTYL METHYL ETHER					
		-				
			:			

D:\text{MMR\PROGRAMS\GRP_D:DB (786 of 786 records) 05/07/98 17:22.2 read to T:\text{CLEANMMR\COC.DB (2039 records) 05/05/98 17:55.3}

Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

OGDEN ID Date Sampled	1 1 10 1 1	The second name of the last								
	BIZEAA		B14ABA		B14BBA		B14DBA		BM6CAA	
	11/13/97		11/11/97		11/11/97		11/11/97		10/31/97	
Depth										
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	V QUAL AL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	v QUAL	ANALYTICAL LAB RESULT QUAL	REV QUAL	ANALYTICAL L	LAB REV QUAL QUAL QUAL QUAL QUAL QUAL	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL QUAL QUAL CODE
OM31V (UG/KG)										
CHLOROMETHANE	11.00 U	_	12.00 U		12.00	n	12.00	n	12.00	n
BROMOMETHANE	11.00 U		12.00 U		12.00	n	12.00	n	12.00	n
VINYL CHLORIDE	11.00 U		12.00 U		12.00	n	12.00	D	12.00	D
CHLOROETHANE	U 00.11		12.00 U		12.00	Ω	12.00	n	12.00	ח
METHYLENE CHLORIDE	00.11	_	12.00 U		12.00	n	12.00	n	2.00	ſ
ACETONE	11.00 U	В	8.00	C	8.00	JC	10.00	JC	15.00	UJ B,C
CARBON DISULFIDE	11.00 U		12.00 U		12.00	n	12.00	D	12.00	n
1,1-DICHLOROETHENE	11.00 U		12.00 U		12.00	n	12.00	D	12.00	D
1,1-DICHLOROETHANE	11.00 U		12.00 U		12.00	n	12.00	D	12.00	n
TOTAL 1,2-DICHLOROETHENE	11.00 U		12.00 U		12.00	n	12.00	D	12.00	D
CHLOROFORM	11.00 U		12.00 U		12.00	n	12.00	n	12.00	n
1,2-DICHLOROETHANE	11.00 U		12.00 U		12.00	n	12.00	D	12.00	n
METHYL ETHYL KETONE (2-BU	11.00 U		12.00 U		12.00	n	12.00	n	12.00	UJ C
1,1,1-TRICHLOROETHANE	11.00 U		12.00 U		12.00	n	12.00	n	12.00	n
CARBON TETRACHLORIDE	11.00 U		12.00 U		12.00	Π	12.00	n	12.00	D
BROMODICHLOROMETHANE	11.00 U		12.00 U		12.00	n	12.00	n	12.00	n
1,2-DICHLOROPROPANE	11.00 U		12.00 U		12.00	n	12.00	n	12.00	n
CIS-1,3-DICHLOROPROPENE	11.00 U		12.00 U		12.00	n	12.00	D	12.00	n
FRICHLOROETHYLENE (TCE)	11.00 U		12.00 U		12.00	n	12.00	n	12.00	D
DIBROMOCHLOROMETHANE	U 00.11		12.00 U		12.00	n	12.00	D	12.00	n
1,1,2-TRICHLOROETHANE	11.00 U		12.00 U		12.00	n	12.00	n	12.00	n
BENZENE	11.00 U		12.00 U		12.00	n	12.00	n	12.00	Ω
TRANS-1,3-DICHLOROPROPEN	11.00 U		12.00 U		12.00	n	12.00	n	12.00	n
BROMOFORM	11.00 U		12.00 U		12.00	n	12.00	D	12.00	D
METHYL ISOBUTYL KETONE (4	00.11	,	12.00 U		12.00	n	12.00	D	12.00	n
		1								

D.WIMKUTKUTKALARAMSNORF D.DB (786 of 786 records) 05/07/98 17:22.2 read by miboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

December 1/1/397 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97	EPA NO	BI2EAA	B14ABA	B14BBA	B14DBA	DIMIOCAS	
11/1397 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1197 11/1		BI2EAA	B14ABA	B14BBA	B14DBA	BM6CAA	
Column		11/13/97	11/11/97	11/11/97	11/11/97	10/31/97	
CANCAG Continued CANCAG Continued CANCAG Continued CANCAG Continued CANCAG Continued CANCAG Continued CANCAG CONTINUEG CANCAG CONT	Depth						
HANE 11.00 U 12.00 U 1	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		LAB	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV (RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	QUAL
Colored Colo	OM31V (UG/KG) Continued						
ROSTHANE (CFT) 11.00 U 12.00 U 12.00 U ACHLOROETHANE 11.00 U 12.00 U 12.00 U ZENE 11.00 U 12.00 U 12.00 U ENE 11.00 U 12.00 U 12.00 U ENE 11.00 U 12.00 U 12.00 U OTAL 11.00 U 12.00 U 12.00 U DETHANE (ETHYL) ETHER 0.56 U 12.00 U 12.00 U METHYL ETHER 0.56 U 12.00 U 12.00 U	2-HEXANONE					12.00 UJ	၁
ACHLOROETHANE 11.00 U 12.00 U	TETRACHLOROETHYLENE(PCE	11.00				12.00 U	
TZENE 11.00 U 12.00 U	1,1,2,2-TETRACHLOROETHANE					12.00 U	
CENE 11.00 U 12.00 U U 12.00 U U 12.00 U U 12.00 U U U U U U U U U	TOLUENE					12.00 U	
ENE 11.00 U 12.00 U 12	CHLOROBENZENE					12.00 U	
OTAL 11.00 U 12.00 U 1	ETHYLBENZENE					12.00 U	
OTAL 11.00 U 12.00 U 1	STYRENE					12.00 U	
METHYL ETHER 0.56 U 0.56 U	XYLENES, TOTAL					12.00 U	
0.56 0.00	8021S (UG/KG)	95 0				Ξ	8
	TERT-BUTYL METHYL ETHER	0.56				n)
	IEKI-BOLYUME IHYL BIHEK						

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

OGDEN ID Date Sampled Depth							
e Sampled		BM6CAD			BM8AAA		
th		10/31/97			10/31/97		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	JAL ANALYTICAL DDE RESULT	L LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31V (UG/KG)							
CHLOROMETHANE		12.00	n		11.00	n 0	
BROMOMETHANE		12.00	n		11.00	n o	
VINYL CHLORIDE		12.00	n		11.00	n o	
CHLOROETHANE		12.00	n		11.00	D 0	
METHYLENE CHLORIDE		1.00	7		1.00	7	
ACETONE		14.00	UJ B,C		11.00	0 UJ B,C	
CARBON DISULFIDE		12.00	n		11.00	n o	
I, I-DICHLOROETHENE		12.00	D		11.00	n	
1,1-DICHLOROETHANE		12.00	n		11.00	n o	
TOTAL 1,2-DICHLOROETHENE		12.00	n		11.00	n 0	
CHLOROFORM		12.00	n		11.00	n o	
1,2-DICHLOROETHANE		12.00	n		11.00	n o	
METHYL ETHYL KETONE (2-BU		12.00	UJ C		11.00	o UJ C	
1,1,1-TRICHLOROETHANE		12.00	n		11.00	n o	
CARBON TETRACHLORIDE		12.00	n		11.00	n o	
BROMODICHLOROMETHANE		12.00	n		11.00	n o	
1,2-DICHLOROPROPANE		12.00	n		11.00	n o	
CIS-1,3-DICHLOROPROPENE		12.00	n		11.00	n 0	
TRICHLOROETHYLENE (TCE)		1.00	7		1.00	7 0	
DIBROMOCHLOROMETHANE		12.00	n		11.00	n o	
1,1,2-TRICHLOROETHANE		12.00	n		11.00	D 0	
BENZENE		12.00	n		11.00	n 0	
TRANS-1,3-DICHLOROPROPEN		12.00	n		11.00	0 n	
BROMOFORM		12.00	D		11.00	n o	
METHYL ISOBUTYL KETONE (4	_	12.00	D		11.00	n 0	

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

BM6CADRE BM8AAA BM8AARE	BM6CAD BM8AAA BM8AAA	10/31/97		ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE	0.57 R D 0.11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 0.56 U 0.56 U 0.55 R D	SES Technical
BM6CAD	BM6CAD	10/31/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	12.00 UJ C 12.00 U 12.00 U 12.00 U 12.00 U 12.00 U 12.00 U 0.57 UJ C,S 0.57 UJ C,S	
BM6CAARE	BM6CAA I			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	0.57 R D	
EPA NO	OGDEN ID	Date Sampled	Depth	Method Analyte	OM31V (UGKG) Continued 2-HEXANONE TETRACHLOROETHANE 1,1,2,2-TETRACHLOROETHANE TOLUENE CHLOROBENZENE ETHYLBENZENE STYRENE XYLENES, TOTAL 8021S (UGKG) 1,2-DIBROMOETHANE (ETHYLE TERT-BUTYL METHYL ETHER	

T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP D: Soil Data for Methods 8021S and OM31V

December	NID	EPA NO	BM8BAA	BM8BAARE	BM8CAA	BM8CAARE	BM8CAD	
	10/31/97 AL ANALYTICAL LAB REV QUAL CODE 11.00 U	OGDEN ID	BM8BAA		BM8CAA		BM8CAD	
Particle	ANALYTICAL LAM BENY GIALA	Date Sampled	10/31/97		10/31/97		10/31/97	
11.00 U RESULT QUAL CODE RESULT QUAL CODE RESULT QUAL CODE COD	AL ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE CODE 11.00 U	Septh						
11.00	11.00 U U II.00 U II	1ethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB	V QUAL
11.00 U	11.00 U U II.00 U II.0	OM31V (UG/KG)						
11.00 U	REDE 12.00 U 11.00 U 1	CHLOROMETHANE						
11.00 U	11.00 U B,C 11.00 U C 11.00	BROMOMETHANE						_
11.00 U B,C 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U	11.00 U B,C 11.00 U B,C 11.00 U B,C 11.00 U B,C 11.00 U U II.00	VINYL CHLORIDE						
11.00 U B,C 11.00 U U 11.00 U U 11.00 U U 11.00 U U U U U U U U U	11.00 UJ B,C 11.00 UJ B,C 11.00 UJ	CHLOROETHANE						
11.00 UJ B,C 11.00 UJ B,C 11.00 UJ UJ 11.00 UJ UJ 11.00 UJ UJ 11.00	11.00 UJ B,C 11.00 U U	METHYLENE CHLORIDE						
11.00 U	11.00 U 11.00 U	ACETONE	m		m			
11.00 U	11.00 U 11.00 U	CARBON DISULFIDE						
11.00 U	11.00 U U U U U U U U U U U U U U U U U U	1,1-DICHLOROETHENE						
11.00 U	11.00 U 11.00 U	1,1-DICHLOROETHANE			, , , , , , , , , , , , , , , , , , ,			
11.00 U	11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U	TOTAL 1,2-DICHLOROETHENE						
11.00 U	11.00 UJ C 11.00 UJ C 11.00 UJ	CHLOROFORM						
11.00 UJ C	11.00 UJ C 11.00 U U 11.00 U U 11.00 U U 11.00 U U 11.00 U U 11.00 U U	1,2-DICHLOROETHANE	12.00 U		11.00 U		<u> </u>	
11.00 U	11.00 U U U U U U U U U U U U U U U U U U	METHYL ETHYL KETONE (2-BU	12.00 UJ		UJ			
11.00 U	11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U	1,1,1-TRICHLOROETHANE						
11.00 U 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.0	11.00 U U U U U U U U U U U U U U U U U U	CARBON TETRACHLORIDE						
11.00 U	11.00 U U U U U U U U U U U U U U U U U U	BROMODICHLOROMETHANE						
11.00 U 11.00 11.00 U 11.00 11.00 U 11.00 11.00 U 11.00 11.00 U 11.00 11.00 U 11.00	2.00 U 2.00 J 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U	1,2-DICHLOROPROPANE						
2.00 J 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U 11.00 U	2.00 11.00 11.00 11.00 11.00 11.00 U	CIS-1,3-DICHLOROPROPENE						
11.00 U 11.00 II II 11.00 II II 11.00 II II 11.00 II 11.0	11.00 11.00 11.00 11.00 11.00 11.00	TRICHLOROETHYLENE (TCE)	2.00 J					
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP D: Soil Data for Methods 8021S and OM31V

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP D: Soil Data for Methods 8021S and OM31V

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP D: Soil Data for Methods 8021S and OM31V

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Validated MMR Data, Period 1-April-98 to 30-April-98

BOLABA	BOZMBA	BOZNBA	B04GAA	BIOEBA
BOLABA	B02MBA	B02NBA	B04GAA	BIUEBA
11/18/97	11/13/97	11/13/97	12/18/97	11/18/97
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470.00 U	370.00 U	380.00	460.00 U	360.00 U
1200.00 U	930.00 U	940.00 U	1200.00 U	010.00 U
470.00 U	370.00 U	380.00 U	460.00 U	360.00 U
1200.00 UJ C	930.00 U	940.00 U	1200.00 U	910.00 UJ C
1200.00 UJ C	930.00 UJ C	940.00 UJ C	1200.00 UJ C	910.00 UJ C
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1200.00 U	930.00 U	940.00 U	1200.00 U	010.00 U
470.00 U	370.00	380.00	460.00 U	360.00 U
470.00 U	370.00 U	380.00	460.00 U	360.00 U
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1200.00 UJ C	930.00 UJ C	940.00 UJ C	1200.00 U	910.00 UJ C
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Validated MMR Data, Period 1-April-98 to 30-April-98

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GROUP E: Soil Data for Methods OM31B

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Validated MMR Data, Period 1-April-98 to 30-April-98

												ממודמ		
OGDEN ID	BI2DAA		BI	BIZEAA		B41AAA			B41AAD			B41ABA		
pa	11/13/97		11	11/13/97		11/3/97			11/3/97			11/3/97		
Depth														
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV QUA	AL DE	ANALYTICAL LA RESULT QU	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	OUAL QUAL	QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	AL QUAL	QUAL
OM31B (UG/KG) Continued														
2,4,5-TRICHLOROPHENOL	940.00	n		930.00	n	1000.00	n		1000.00	ח		950.00	n	
2-CHLORONAPHTHALENE	380.00	n		370.00	n	400.00	n c		400.00	n		380.00	Ω	
2-NITROANILINE	940.00	n		930.00	Ω	1000.00	IOI O	၁	1000.00	n	C	950.00	n	၁
DIMETHYL PHTHALATE	380.00	n		370.00	n	400.00	D C		400.00	n		380.00	Ω	
ACENAPHTHYLENE	380.00	n		370.00	n	400.00	n c		400.00	n		380.00	Ω	
2,6-DINITROTOLUENE	380.00	n		370.00	n	400.00	n		400.00	D		380.00	n	
3-NITROANILINE	940.00	'n		930.00	n	1000.00	n (1000.00	D		950.00	Ω	
ACENAPHTHENE	380.00	n		370.00	n	400.00	n (400.00	n		380.00	n	
2,4-DINITROPHENOL	940.00	n		930.00	OJ C	1000.00	n (1000.00	D		950.00	n	
4-NITROPHENOL	940.00	UJ C		930.00	UJ C	1000.00	O O	၁	1000.00	UJ	C	950.00	m	၁
DIBENZOFURAN	380.00	n		370.00	n	400.00	n c		400.00	n		380.00	n	
2,4-DINITROTOLUENE	380.00	n		370.00	n	400.00	n		400.00	n		380.00	D	
DIETHYL PHTHALATE	380.00	n		370.00	n	400.00	D C		400.00	n		380.00	n	
4-CHLOROPHENYL PHENYL ET	380.00	n		370.00	n	400.00	n		400.00	n		380.00	n	
FLUORENE	380.00	n		370.00	n	400.00	D (400.00	D		380.00	D	
4-NITROANILINE	940.00	n		930.00	n	1000.00	D		1000.00	n		950.00	n	
4,6-DINITRO-2-METHYLPHENO	940.00	n		930.00	n	1000.00	n		1000.00	D		950.00	Ω	
N-NITROSODIPHENYLAMINE	380.00	n		370.00	D	400.00	n c		400.00	D		380.00	n	
4-BROMOPHENYL PHENYL ET	380.00	n		370.00	D	400.00	n		400.00	D		380.00	n	
HEXACHLOROBENZENE	380.00	n		370.00	n	400.00	n c		400.00	n		380.00	n	
PENTACHLOROPHENOL	940.00	UJ C		930.00	UJ C	1000.00	O	C	1000.00	n	၁	950.00	n	C
PHENANTHRENE	380.00	n		370.00	n	400.00	n c		400.00	D		380.00	n	
ANTHRACENE	380.00	n		370.00	n	400.00	D C		400.00	D		380.00	D	
CARBAZOLE	380.00	n		370.00	n	400.00	n		400.00	D		380.00	n	
DI-N-BUTYL PHTHALATE	37.00	7		370.00	n	400.00	n (400.00	D		380.00	n	

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Ogden Environmental and Energy Services

Validated MMR Data, Period 1-April-98 to 30-April-98

Date Sampled	EFAIR	D140AA		DIZEAM		D41AAA		D41AAD		Varita	
### ANALTHEAL 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/	OGDEN ID	B12DAA		BIZEAA		B41AAA		B41AAD		B41ABA	
Color Colo	Date Sampled	11/13/97		11/13/97		11/3/97		11/3/97		11/3/97	
CONTRINGENERAL STATES AND LATES AND	Depth										
ATTE 380.00 U 370.00 U 52.00 J 400.00 U 380.00 E 24.00 J 370.00 U 400.00 U 400.00 U 380.00 HALA 380.00 U B 370.00 U B 400.00 U 400.00 U 380.00 NE 39.00 U B 370.00 U B 400.00 U 400.00 U 380.00 NE 39.00 J 370.00 U B 400.00 U 400.00 U 380.00 NE 39.00 U 370.00 U B 400.00 U 400.00 U 380.00 NF 380.00 U 370.00 U 400.00 U 400.00 U 380.00 NF 380.00 U 370.00 U 400.00 U 400.00 U 380.00 NF 380.00 U 370.00 U 400.00 U 400.00 U 380.00 NF 380.00 U 370.00 U 400.00 U 400.00 U 380.00 NF 380.00 U 370.00 U 400.00 U 400.00 U 380.00 NF 380.00 U 370.00 U 400.00 U 400.00 U 380.00 NF 380.00 U 370.00 U 400.00 U 400.00 U 380.00	Method Analyte	ANALYTICAL LAF	REV QUAL	ANALYTICAL LAB RE RESULT QUALQU	V QUAL	ANALYTICAL LAB R RESULT QUAL Q	REV QUAL	ANALYTICAL	QUAL QUAL CODE	ANALYTICAL LAN	B REV QUAL
0 U 22.00 J 20.00 J 380.00 0 J 20.00 J 400.00 U 380.00 0 U 400.00 U 380.00 U 380.00	OM31B (UG/KG) Continued										
0 J 20.00 J 400.00 U 380.00 0 U 400.00 U 380.00 U 380.00 0 U 400.00 U 380.00 U 380.00	FLUORANTHENE	23.00	7				_	20.00	7	380.00	ם
0 U B 400.00 U 400.00 U 380.00 0 U 380.00 U 380.00 0 U 380.00 U 380.00 0 U 380.00 U 380.00	PYRENE	43.00	7				1	400.00	D	380.00	D
0 U B 400.00 U 400.00 U 380.00 0 U B 400.00 U 400.00 U 380.00 0 U B 400.00 U 400.00 U 380.00 0 U 380.00 U 380.00	BENZYL BUTYL PHTHALATE	380.00	n					400.00	n	380.00	n
0 U B 400.00 U 400.00 U 380.00 0 U B 400.00 U 400.00 U 380.00 0 U B 400.00 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 380.00	3,3'-DICHLOROBENZIDINE	380.00	n					400.00	n	380.00	D
0 U B 400.00 U 400.00 U 380.00 0 U B 400.00 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 380.00	BENZO(A)ANTHRACENE	24.00	2				n	400.00	n	380.00	D
0 U B 400.00 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 400.00 U 380.00	CHRYSENE	40.00	7					400.00	D	380.00	ם
0 U 400.00 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 380.00	BIS(2-ETHYLHEXYL) PHTHALA		U B					400.00	D	380.00	Ω
0 U 400.00 U 400.00 U 380.00 0 U 400.00 U 380.00	DI-N-OCTYLPHIHALATE	380.00	n					400.00	D	380.00	n
0 U 400.00 U 400.00 U 380.00 0 U 400.00 U 400.00 U 380.00 0 U 400.00 U 400.00 U 380.00 0 U 400.00 U 380.00	BENZO(B)FLUORANTHENE	59.00	7				_ n	400.00	D	380.00	D
0 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 400.00 U 380.00	BENZO(K)FLUORANTHENE	39.00	7				_ n	400.00	D	380.00	n
0 U 400.00 U 380.00 0 U 400.00 U 380.00 0 U 400.00 U 380.00 1 U 400.00	BENZO(A)PYRENE	22.00	7					400.00	D	380.00	n
0 U 400.00 U 380.00 0 U 400.00 U 380.00	INDENO(1,2,3-C,D)PYRENE	380.00	n				T.	400.00	D	380.00	D
0 U 400.00 U 380.00	DIBENZ(A,H)ANTHRACENE	380.00	ם					400.00	D	380.00	ח
	BENZO(G,H,I)PER YLENE	380.00	D					400.00	D	380.00	ח

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GROUP E: Soil Data for Methods OM31B

OGDEN ID Date Sampled 12 Depth Method Analyte	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		1				
ampled d	B42GAA	B42GBA	B42HAA	B42HBA		B42IAA	
ith Itod nalyte	12/17/97	12/17/97	12/17/97	12/17/97		12/17/97	
hod nalyte							
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AL ANALYTICAL LAB REV QUAL DE RESULT QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL CODE	ANALYTICAL LAI RESULT QU	LAB REV QUAL QUAL QUAL QUAL CODE
OM31B (UG/KG)							
PHENOL	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	n
BIS(2-CHLOROETHYL) ETHER (410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	n
2-CHLOROPHENOL	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	n
1,3-DICHLOROBENZENE	410.00 U	370.00 U	380.00 U	350.00		390.00	Ŋ
1,4-DICHLOROBENZENE	410.00 U	370.00 U	380.00 U	350.00	n	390.00	D
1,2-DICHLOROBENZENE	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	n
2-METHYLPHENOL (O-CRESOL)	410.00 U	370.00 U	380.00 U	350.00 U	J.	390.00	D
2,2'-OXYBIS(1-CHLORO)PROPA	410.00 U	370.00 U	380.00 U	350.00 U	J.	390.00	D
4-METHYLPHENOL (P-CRESOL)	410.00 U	370.00 U	380.00 U	350.00 U	T.	390.00	n
N-NITROSODI-N-PROPYLAMIN	410.00 U	370.00 U	380.00 U	350.00 U	J	390.00	n
HEXACHLOROETHANE	410.00 U	370.00 U	380.00 U	350.00 U	J.	390.00	n
NITROBENZENE	410.00 U	370.00 U	380.00 U	350.00 U	T.	390.00	n
ISOPHORONE	410.00 U	370.00 U	380.00 U	350.00 U	J.	390.00	D
2-NITROPHENOL	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	D
2,4-DIMETHYLPHENOL	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	n
BIS(2-CHLOROETHOXY) METH	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	D
2,4-DICHLOROPHENOL	410.00 U	370.00 U	380.00 U	350.00	n	390.00	ח
1,2,4-TRICHLOROBENZENE	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	D
NAPHTHALENE	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	D
4-CHLOROANILINE	410.00 U	370.00 U	380.00 U	350.00	n	390.00	n
HEXACHLOROBUTADIENE	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	Ω
4-CHLORO-3-METHYLPHENOL	410.00 U	370.00 U	380.00 U	350.00	n	390.00	n
2-METHYLNAPHTHALENE	410.00 U	370.00 U	380.00 U	350.00 U	n	390.00	n
HEXACHLOROCYCLOPENTADI	410.00 U	370.00 U	380.00 U	350.00 U		390.00	n
2,4,6-TRICHLOROPHENOL	410.00 U	370.00 U	380.00	350.00 U	ח	390.00	n
THE WINDS OF A RECORD TO DESCRIPTION OF A SECOND OF A			:				

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Validated MMR Data, Period 1-April-98 to 30-April-98

OGDEN ID													
	B42GAA			B42GBA		B42HAA			B42IBA		B42IAA		,
Date Sampled	12/17/97			12/17/97		12/17/97			12/17/97	1	12/17/97		,
Depth													
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUA	CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	LAB REV QU QUAL QUAL CO	QUAL ANALY	ANALYTICAL LAB REV RESULT QUAL QUAL	REV QUAL		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QU QUAL CC
OM31B (UG/KG) Continued													
2,4,5-TRICHLOROPHENOL	1000.00	n		930.00	n	5	00.096	D	890.00	n c	56	00.066	n
2-CHLORONAPHTHALENE	410.00	ם		370.00	Ω	3	380.00	<u> </u>	350.00	n	36	390.00	ח
2-NITROANILINE	1000.00	ח		930.00	n	σ <u> </u>	00.096	n	890.00	n c	56	00.066	n
DIMETHYL PHTHALATE	410.00	D		370.00	D	3.	380.00	D	350.00	D 0	36	390.00	ח
ACENAPHTHYLENE	410.00	D		370.00	n	3;	380.00	n	350.00	n 0	36	390.00	n
2,6-DINITROTOLUENE	410.00	D		370.00	n	3	380.00	n	350.00	D 0	36	390.00	n
3-NITROANII,INE	1000.00	UJ	C	930.00	UJ C	6	00.096	UJ C	890.00	O IN IC)6 —	00.066	UJ C
ACENAPHTHENE	410.00	D		370.00	D	3	380.00	n	350.00	n c	36	390.00	D
2,4-DINITROPHENOL	1000.00	D		930.00	n	8	00.096	n	890.00	n c	6	00.066	n
4-NITROPHENOL	1000.00	ם		930.00	n	6	00.096	n	890.00	n (6	00.066	n
DIBENZOFURAN	410.00	n		370.00	n	3	380.00	n	350.00	<u>n</u> 0	36	390.00	n
2,4-DINITROTOLUENE	410.00	ח		370.00	n	3	380.00	n	350.00	n c	36	390.00	
DIETHYL PHTHALATE	410.00	D		370.00	D	31	380.00	n	350.00	n c	36	390.00	D
4-CHLOROPHENYL PHENYL ET	410.00	ם		370.00	n	33	380.00	n	350.00	n c	36	390.00	n
FLUORENE	410.00	D		370.00	n	3.	380.00	n	350.00	n c	36	390.00	n
4-NITROANILINE	1000.00	UJ	C	930.00	UJ C		00.096	UJ C	890.00	O M	56	00.066	UJ C
4,6-DINITRO-2-METHYL,PHENO	1000.00	D		930.00	n	6	00.096	n	890.00	n c	56	00.066	n
N-NITROSODIPHENYLAMINE	410.00	n		370.00	n	3	380.00	n	350.00	n c	36	390.00	n
4-BROMOPHENYL PHENYL ET	410.00	D		370.00	n	3	380.00	n	350.00	n c	36	390.00	n
HEXACHLOROBENZENE	410.00	ם		370.00	n	33	380.00	n	350.00	n	36	390.00	D
PENTACHI, OROPHENOL	1000.00	ח		930.00	n	6	00.096	n	890.00	n	56	00.066	n
PHENANTHRENE	410.00	ח		370.00	n	3.	380.00	n	350.00	n 0		31.00	7
ANTHRACENE	410.00	ח		370.00	n	3;	380.00	n	350.00	n	36	390.00	n
CARBAZOLE	410.00	n	C	370.00	UJ C	3	380.00	Ol C	350.00	O IUJ C	36	390.00	U C
DI-N-BUTYL PHTHALATE	410.00	D		370.00	D	3	380.00	n	350.00	D C	36	390.00	n

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Validated MMR Data, Period 1-April-98 to 30-April-98

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CHCKG Confined Available (No.) Available (Date Sampled	12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
COLORGO UD ANAUTICAL LORG RESULT GOAL GOAL CODE RESULT GOAL GOAL CODE ANAUTICAL LORG ANAUTICAL LORG ANAUTICAL CODE ANAUTICA	Depth					
ATE 410.00 U 370.00 U 380.00 U 350.00 U	dethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
HHIALATE 41000 U 370.00 U 380.00 U 350.00 U 550.00 U 550.	OM31B (UG/KG) Continued					
Example J 370.00 U 380.00 U 350.00 U 360.00 410.00 UJ 370.00 UJ 380.00 UJ 380	FLUORANTHENE		00.00			
Harron U	PYRENE	26.00 J	00.0			36.00 J
410.00 UJ C 370.00 UJ C 380.00 UJ C 380.00 UJ C 390.00 UJ C 390.00 UJ C 370.00 UJ C 380.00	BENZYL BUTYL PHTHALATE		00.00			
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ALA 410.00 U 380.00 U 360.00 U 360.00 U 360.00 U 370.00 U 380.00 U 360.00 U 370.00 U 380.00 U 380.00 U 390.00 U A A A A	BENZO(A)ANTHRACENE	-	00.00			
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410.00 U 370.00 U 380.00 U 350.00 U 350.00 U 350.00 U 350.00	INDENO(1,2,3-C,D)PYRENE		0.00			
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	BENZO(G,H,DPERYLENE					

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GROUP E: Soil Data for Methods OM31B

The color of the	Packed P	EPA NO	B42IBA	B42JAA	B42JBA	B42KAA	B42KBA
CHICAGOETHYL) ETHER (350.00 U 400.00 U 380.00 U 400.00 U 400.00 U 380.00 U 400.00 U 400.00 U 380.00 U 400.00 U 400.00 U 380.00 U 400.00	CHLOROBENZENE		B42IBA	B42JAA	B42JBA	B42KAA	B42KBA
(UCRXQ) (UCRXQ) <t< th=""><th>CHOCAG) CHOCAGO <t< th=""><th></th><th>12/17/97</th><th>12/17/97</th><th>12/17/97</th><th>12/17/97</th><th>12/17/97</th></t<></th></t<>	CHOCAG) CHOCAGO CHOCAGO <t< th=""><th></th><th>12/17/97</th><th>12/17/97</th><th>12/17/97</th><th>12/17/97</th><th>12/17/97</th></t<>		12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
CACKCO Characterization Amasterization Amasterizatio	CHOCKO) CONTROL LOS BENT COLOR (1904) ANALYTICAL COLOR (1904) <th>bepth</th> <th></th> <th></th> <th></th> <th></th> <th></th>	bepth					
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100.00 U 400.00 U 380.00 100.00 U 380.00 U 38	100.000 U 380.000 U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M31B (UG/KG)					
100 10 380.00 U 400.00 U 380.00 10 380.00 U 400.00 U 380.00 100 380.00 U 400.00 U 380.00 100 380.00 U 400.00 U 380.00 100 380.00 U 400.00 U 380.00 10 380.00 U 400.00 U 380.00 10 380.00 U 400.00 <t< td=""><td>100.000 U 380.000 U 380.00</td><td>PHENOL</td><td></td><td></td><td></td><td></td><td></td></t<>	100.000 U 380.000 U 380.00	PHENOL					
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100.00 U 380.00 U 400.00 U 380.00 100.00 U 380.00 U 400.00 U 38	100.000 U 380.00 U 38	2-CHLOROPHENOL					
100.00 U 400.00 U 380.00 100.00 U 400.00 U 38	100.000 U 380.000 U 380.00	1,3-DICHLOROBENZENE					
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100.00 U 380.00 U 400.00 U 380.00 100.00 U 380.00 U 400.00 U 38	100.000 U 380.000 U 380.00 U 3	2-METHYLPHENOL (O-CRESOL)	350.00				
100.00 U 380.00 U 400.00 U 380.00 100.00 U 40	100.000 U 380.000 U 380.00	2,2-OXYBIS(1-CHLORO)PROPA	350.00 U				
100.00 U 400.00 U 380.00 100.00 U 400.00 U 38	100.000 U 380.000 U 380.00	4-METHYLPHENOL (P-CRESOL)	350.00 U				
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400.00 U 400.00 U 380.00	100.00 U 380.00 U 380	2,4-DIMETHYLPHENOL					
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400.00 U 380.00 U 380.00	400.00 U 380.00 U ajian	HEXACHLOROCYCLOPENTADI					
	ajian	2,4,6-TRICHLOROPHENOL					
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Validated MMR Data, Period 1-April-98 to 30-April-98

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EPA NO	B42IBA	B42JAA	B42JBA	B42KAA	B42KBA
OGDEN ID	B42IBA	B42JAA	B42JBA	B42KAA	B42KBA
Date Sampled	12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
Depth					
Method Analyte_	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	L ANALYTICAL LAB REV QUAL E RESULT QUAL QUAL CODE	QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE	AL ANALYTICAL LAB REV QUAL DE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31B (UG/KG) Continued					
2,4,5-TRICHLOROPHENOL	U 00.068	1000.00 U	D 050.00	1000.00 U	U 050.00
2-CHLORONAPHTHALENE	350.00 U	400.00 U	380.00 U	400.00 U	380.00
2-NITROANILINE	U 00.068	1000.00 U	D 050.00	1000.00 U	U 050.00
DIMETHYL PHTHALATE	350.00 U	400.00 U	380.00 U	400.00 U	380.00
ACENAPHTHYLENE	350.00 U	400.00 U	380.00	400.00 U	380.00 U
2,6-DINITROTOLUENE	350.00 U	400.00 U	380.00	400.00 U	380.00
3-NITROANILINE	890.00 UJ C	1000.00 UJ	C 950.00 UJ C	1000.00 UJ C	U 00.096
ACENAPHTHENE	350.00 U	400.00 U	380.00 U	400.00 U	380.00
2,4-DINITROPHENOL	U 00.068	1000.00 U	U 050.00	1000.00 U	U 050.00
4-NITROPHENOL	U 00.068	1000.00 U	U 950.00	1000.00 U	U 950.00
DIBENZOFURAN	350.00 U	400.00 U	380.00 U	400.00 U	380.00
2,4-DINITROTOLUENE	350.00 U	400.00 U	380.00	400.00 U	380.00
DIETHYL PHTHALATE	350.00 U	400.00 U	380.00 U	400.00 U	380.00
4-CHLOROPHENYL PHENYL ET	350.00 U	400.00 U	380.00 U	400.00 U	380.00
FLUORENE	350.00 U	400.00 U	380.00 U	400.00 U	380.00 U
4-NITROANILINE	890.00 UJ C	1000.00 UJ	C 950.00 UJ C	1000.00 UJ C	U 050.00
4,6-DINITRO-2-METHYLPHENO	N 00.068	1000.00 U	U 050.00	1000.00 U	U 00.096
N-NITROSODIPHENYLAMINE	350.00 U	400.00 U	380.00	400.00 U	380.00 U
4-BROMOPHENYL PHENYL ET	350.00 U	400.00 U	380.00 U	400.00 U	380.00
HEXACHLOROBENZENE	350.00 U	400.00 U	380.00	400.00 U	380.00
PENTACHLOROPHENOL	U 00.068	1000.00 U	D 050.00	1000.00 U	U 00.096
PHENANTHRENE	350.00 U	400.00 U	380.00 U	400.00 U	380.00 U
ANTHRACENE	350.00 U	400.00 U	380.00 U	400.00 U	380.00
CARBAZOLE	350.00 UJ C	400.00 UJ	C 380.00 UJ C	400.00 UJ C	380.00
DI-N-BUTYL PHTHALATE	350.00 U	400.00 U	380.00 U	400.00 U	380.00 U
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OEES Technical Information Systems RGEM Ver 2q

Ogden Environmental and Energy Services

GROUP E: Soil Data for Methods OM31B

Name	EPA NO	B42IBA		B421AA		B42JBA		B42KAA		B42KBA	
Mathematical Math	OGDEN ID	B42IBA		B42JAA		B42JBA		B42KAA		B42KBA	
Colored Continued	Date Sampled	12/17/97		12/17/97		12/17/97		12/17/97		12/17/97	
CUCAGO Continued RESULT QUAL CODE RANTHENE	Septh										
0 U 380.00 U 400.00 U 380.00 U	Method Analyte	ANALYTICAL LAB RESULT QUAL	REV QUAL QUAL CODE	ANALYTICAL LAB RESULT QUA	REV QUAL	ANALYTICAL L RESULT	AB REV QUAL	ANALYTICAL LA RESULT QU	B REV QUAL	ANALYTICAL LAB RESULT QUA	REV QUAL
0 U 380.00 U 400.00 U 380.00 U	OM31B (UG/KG) Continued										
BUTYLPHTIALATE 350.00 U C 400.00 U C 380.00 U C 400.00 U C 380.00 U C 400.00 U C 380.00 U C 400.00	FLUORANTHENE	350.00	D	400.00	D	380.00	D	400.00	n	380.00	n
0 U C 380.00 U C 400.00 U C 380.00 U U C 380.00 U U C 380.00 U U U C 380.00 U U U C 380.00 U U U U	PYRENE	350.00	n	400.00	D	380.00	D	400.00	D	380.00	n
0 UJ C 380.00 UJ C 400.00 UJ C 380.00 UJ C	BENZYL BUTYL PHITHALATE	350.00	n	400.00	n	380.00	D	400.00	n	380.00	D
0 U 380.00 U 400.00 U 380.00 U 380.00 U 380.00 U 380.00 U 380.00 U 400.00 U 380.00 U 380.00 U 380.00 U 400.00 U 380.00 U 380.00 U 400.00 U 380.00 U 400.00 U 380.00 U 500.00 U	3,3'-DICHLOROBENZIDINE	350.00		400.00		380.00		400.00		380.00	n
0 U 380.00 U 400.00 U 380.00 U 30.00 U 30.00 U 30.00 U 30.00 U 30.00 U 30.0	BENZO(A)ANTHRACENE	350.00	n	400.00	n	380.00	D	400.00	n	380.00	n
0 U	CHRYSENE	350.00	n	400.00	n	380.00	n	400.00	D	380.00	n
0 U C 380.00 U C 400.00 U C 380.00 U S 380.0	BIS(2-ETHYLHEXYL) PHTHALA		n	400.00	D	380.00	n	400.00	ח	380.00	n
0 U 380.00 U 400.00 U 380.00 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 0 U 0 U 0 0 U 0 U 0 0 U 0 U 0 0 U 0 U 0 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0 U 0	DI-N-OCTYLPHTHALATE	350.00		400.00		380.00		400.00		380.00	n
0 U 380.00 U 400.00 U 380.00 U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BENZO(B)FLUORANTHENE	350.00	n	400.00	ם	380.00	ח	400.00	n	380.00	n
0 U 380.00 U 400.00 U 380.00 U	BENZO(K)FLUORANTHENE	350.00	n	400.00	n	380.00	D	400.00	n	380.00	n
0 U 380.00 U 400.00 U 380.00 U 380.00 U 380.00 U 380.00 U 380.00 U 400.00 U 380.00 U	BENZO(A)PYRENE	350.00	D	400.00	n	380.00	n	400.00	n	380.00	n
0 U 380.00 U 400.00 U 380.00 U 380.00 U 380.00 U 380.00 U O 400.00 U J A00.00	INDENO(1,2,3-C,D)PYRENE	350.00	n	400.00	n	380.00	n	400.00	n	380.00	n
0 U 380.00 U 380.00 U 380.00 U	DIBENZ(A,H)ANTHRACENE		ם	400.00	ם	380.00	n	400.00	n	380.00	D
Orden Fravior	BENZO(G,H,I)PER YLENE	350.00	n	400.00	ח	380.00	D	400.00	n	380.00	n
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GROUP E: Soil Data for Methods OM31B

EPA NO	BM6CAA	BM6CAD	BM6CADRE	BM8AAA	BM8AARE
OGDEN ID	BM6CAA	BM6CAD	BM6CAD	BM8AAA	BM8AAA
Date Sampled	10/31/97	10/31/97		10/31/97	
Depth			i		è
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE			
OM31B (UG/KG)					
PHENOL	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
BIS(2-CHLOROETHYL) ETHER (380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
2-CHLOROPHENOL	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
1,3-DICHLOROBENZENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
1,4-DICHLOROBENZENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
1,2-DICHLOROBENZENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
2-METHYLPHENOL (O-CRESOL)) 380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
2,2'-OXYBIS(1-CHLORO)PROPA	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
4-METHYLPHENOL (P-CRESOL)	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
N-NITROSODI-N-PROPYLAMIN	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
HEXACHLOROETHANE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
NITROBENZENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
ISOPHORONE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
2-NITROPHENOL	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
2,4-DIMETHYLPHENOL	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
BIS(2-CHLOROETHOXY) METH	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
2,4-DICHLOROPHENOL	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
1,2,4-TRICHLOROBENZENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
NAPHTHALENE	380.00 U	380.00	380.00 R D	370.00 U	370.00 R D
4-CHLOROANILINE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
HEXACHLOROBUTADIENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
4-CHLORO-3-METHYLPHENOL	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
2-METHYLNAPHTHALENE	380.00 UJ C	380.00 U	380.00 R D	370.00 U	370.00 R D
HEXACHLOROCYCLOPENTADI	380.00 UJ C	380.00 UJ C	380.00 R D	370.00 UJ C	370.00 R D
2,4,6-TRICHLOROPHENOL	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
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GROUP E: Soil Data for Methods OM31B

OGDEN ID	BM6CAA	BM6CAD	BM6CAD	BM8AAA	BM8AAA	
Date Sampled	10/31/97	10/31/97		10/31/97		
Depth			i		4	
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AL DE
OM31B (UG/KG) Continued						
2,4,5-TRICHLOROPHENOL	D 00.096	D 00.096	960.00 R D	930.00 U	930.00 R D	
2-CHLORONAPHTHALENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	
2-NITROANILINE	U 00:096	D 00.096	960.00 R D	930.00 U	930.00 R D	
DIMETHYL PHTHALATE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	
ACENAPHTHYLENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	
2,6-DINITROTOLUENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	
3-NITROANILINE	960.00 UJ C	960.00 UJ C	960.00 R D	930.00 UJ C	930.00 R D	
ACENAPHITHENE	380.00 U	380.00 U	380.00 R D	370.00	370.00 R D	
2,4-DINITROPHENOL	U 00.096	U 00.096	960.00 R D	930.00	930.00 R D	
4-NITROPHENOL	U 00.096	U 00.096	960.00 R D	930.00 U	930.00 R D	
DIBENZOFURAN	380.00 U	380.00	380.00 R D	370.00 U	370.00 R D	
2,4-DINITROTOLUENE	380.00 U	380.00 U	380.00 R D	370.00	370.00 R D	
DIETHYL PHTHALATE	77.00 J	350.00	390.00 R D	25.00 J	25.00 R D	
4-CHLOROPHENYL PHENYL ET	380.00 U	380.00 U	380.00 R D	370.00	370.00 R D	
FLUORENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	
4-NITROANILINE	D 00.096	2 Oct. 00 Oct.	960.00 R D	930.00 UJ C	930.00 R D	
4,6-DINITRO-2-METHYLPHENO	N 00.096	U 00.096	960.00 R D	930.00 U	930.00 R D	
N-NITROSODIPHENYLAMINE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	
4-BROMOPHENYL PHENYL ET	380.00 U	380.00	380.00 R D	370.00 U	370.00 R D	
HEXACHLOROBENZENE	380.00 U	380.00	380.00 R D	370.00	370.00 R D	
PENTACHLOROPHENOL	U 00.096	D 00.096	960.00 R D	930.00 U	930.00 R D	
PHENANTHRENE	380.00 U	380.00	380.00 R D	370.00 U	370.00 R D	
ANTHRACENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	
CARBAZOLE	380.00 U	380.00 UJ C	380.00 R D	370.00 UJ C	370.00 R D	
DI-N-BUTYL PHTHALATE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D	

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP E: Soil Data for Methods OM31B	
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E: Soil Data for Methods	31
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OGDEN ID	BM6CAA	BM6CAD	BM6CAD	BM8AAA	BM8AAA
Date Sampled	10/31/97	10/31/97		10/31/97	
Depth			ć	,	è
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM21D AICAC Continued					
FLUORANTHENE	380.00	380.00 U	380.00 R D	370.00 U	370.00 R D
PYRENE				370.00 U	2
BENZYL BUTYL PHTHALATE	380.00	380.00 U	380.00 R D	370.00 U	370.00 R D
3,3'-DICHLOROBENZIDINE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
BENZO(A)ANTHRACENE	380.00	380.00 U	380.00 R D	370.00 U	370.00 R D
CHRYSENE	380.00 U	380.00 U	380.00 R D	370.00 U	370.00 R D
BIS(2-ETHYLHEXYL) PHTHALA	J 380.00 U	380.00 U	380.00 R D	18.00	22.00 R D
DI-N-OCTYLPHTHALATE	380.00 U	380.00 UJ I	380.00 R D	370.00 UJ I	370.00 R D
BENZO(B)FLUORANTHENE	380.00 U	380.00 UJ I	380.00 R D	370.00 UJ I	370.00 R D
BENZO(K)FLUORANTHENE	380.00 U	380.00 UJ I	380.00 R D	370.00 UJ I	370.00 R D
BENZO(A)PYRENE	380.00 U	380.00 UJ I	380.00 R D	370.00 UJ I	370.00 R D
INDENO(1,2,3-C,D)PYRENE	380.00 U	380.00 UJ I	380.00 R D	370.00 UJ I	370.00 R D
DIBENZ(A,H)ANTHRACENE	380.00	380.00 UJ I	380.00 R D	370.00 UJ I	370.00 R D
BENZO(G,H,I)PERYLENE	380.00 U	380.00 UJ I	380.00 R D	370.00 UJ I	370.00 R D
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GROUP E: Soil Data for Methods OM31B

EPA NO	BM8BAA	BM8BAARE	BM8CAA	BM8CAARE	BM8CAD
OGDEN ID	BM8BAA	BM8BAA	BM8CAA	BM8CAA	BM8CAD
Date Sampled	10/31/97		10/31/97	And the second s	10/31/97
Depth		i		6	
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31B (UG/KG)					
PHENOL	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
BIS(2-CHLOROETHYL) ETHER ((380.00 R D	380.00	380.00 U	380.00 R D	380.00 R D
2-CHLOROPHENOL	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
1,3-DICHLOROBENZENE	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
1,4-DICHLOROBENZENE	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
1,2-DICHLOROBENZENE	380.00 R D	380.00	380.00 U	380.00 R D	380.00 R D
2-METHYLPHENOL (O-CRESOL)	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
2,2'-OXYBIS(1-CHLORO)PROPA	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
4-METHYLPHENOL (P-CRESOL)	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
N-NITROSODI-N-PROPYLAMIN	380.00 R D	380.00 U	380.00	380.00 R D	380.00 R D
HEXACHLOROETHANE	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
NITROBENZENE	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
ISOPHORONE	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
2-NITROPHENOL	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
2,4-DIMETHYLPHENOL	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
BIS(2-CHLOROETHOXY) METH	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
2,4-DICHLOROPHENOL	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
1,2,4-TRICHLOROBENZENE	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
NAPHTHALENE	380.00 R D	380.00 U	380.00	380.00 R D	380.00 R D
4-CHLOROANILINE	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D
HEXACHLOROBUTADIENE	380.00 R D	380.00 UJ C	380.00 U	380.00 R D	380.00 R D
4-CHLORO-3-METHYLPHENOL	380.00 R D	380.00 U	380.00	380.00 R D	380.00 R D
2-METHYLNAPHTHALENE	380.00 R D	380.00 UJ C	380.00 U	380.00 R D	380.00 R D
HEXACHLOROCYCLOPENTADI	1 380.00 R D	380.00 UJ C	380.00 UJ C	380.00 R D	380.00 R D
2,4,6-TRICHLOROPHENOL	380.00 R D	380.00 U	380.00 U	380.00 R D	380.00 R D

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Validated MMR Data, Period 1-April-98 to 30-April-98

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ampled			В	BM8BAA		BM8CAA			BM8CAA			BM8CAD		
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Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUI	UAL	ANALYTICAL I RESULT	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB RESULT QUAI	LAB REV QUAL QUAL QUAL QUAL	ODE	ANALYTICAL LA	LAB REV QUAL QUAL QUAL QUAL	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV	QUAL CODE
OM31B (UG/KG) Continued														
2,4,5-TRICHLOROPHENOL	00.096	R D	_	00.096	D	950.00	n		950.00	~	D	00.096	~	Ω
2-CHLORONAPHTHALENE	380.00	R D	_	380.00	n	380.00	n		380.00	~	Ω	380.00	~	
2-NITROANILINE	00.096	R D	_	00.096	n	950.00	D		950.00	~	Ω	00.096	~	Ω
DIMETHYL PHTHALATE	380.00	R D	_	380.00	D	380.00	n		380.00	×	Q	380.00	~	Q
ACENAPHTHYLENE	380.00	RD	_	380.00	n	380.00	D		380.00	~	Q	380.00	~	Ω
2,6-DINITROTOLUENE	380.00	RD	_	380.00	D	380.00	n		380.00	K	D	380.00	~	Ω
3-NITROANILINE	00.096	R D	_	00.096	OJ C	950.00	n	C	950.00	×	D	00.096	~	Q
ACENAPHTHENE	380.00	R D	_	380.00	D	380.00	n		380.00	~	Ω	380.00	~	Ω
2,4-DINITROPHENOL	00.096	R D	_	00.096	n	950.00	ח		950.00	~	D	00.096	~	Ω
4-NITROPHENOL	00.096	R D	_	00.096	D	950.00	n		950.00	~	D	00.096	~	Ω
DIBENZOFURAN	380.00	R D	_	380.00	D	380.00	ח		380.00	~	D	380.00	~	Q
2,4-DINITROTOLUENE	380.00	RD	_	380.00	n	380.00	n		380.00	2	D	380.00	~	Ω
DIETHYL PHITIALATE	380.00	R D	_	380.00	n	380.00	n		380.00	~	D	380.00	~	Ω
4-CHLOROPHENYL PHENYL ET	380.00	RD	_	380.00	ם	380.00	ח		380.00	~	D	380.00	2	Ω
FLUORENE	380.00	R D	_	380.00	D	380.00	n		380.00	~	D	380.00	24	Ω
4-NITROANILINE	00.096	RD	_	00.096	n	950.00	n	၁	950.00	2	D	00.096	~	Ω
4,6-DINITRO-2-METHYLPHENO	00.096	R D	_	00.096	ח	950.00	ח		950.00	×	D	00.096	~	Ω
N-NITROSODIPHENYLAMINE	380.00	R D	_	380.00	D	380.00	n		380.00	~	Д	380.00	~	D
4-BROMOPHENYL PHENYL ET	380.00	R D	_	380.00	D	380.00	ח		380.00	~	О	380.00	~	Ω
HEXACHLOROBENZENE	380.00	R D	_	380.00	D	380.00	n		380.00	~	D	380.00	~	Q
PENTACHLOROPHENOL	00.096	RD	_	00.096	n	950.00	n		950.00	~	Д	00.096	~	Ω
PHENANTHRENE	380.00	R D	_	380.00	Þ	380.00	n		380.00	×	D	17.00	N N	Ω
ANTHRACENE	380.00	RD	_	380.00	D	380.00	n		380.00	2	D	380.00	~	Ω
CARBAZOLE	380.00	R D	_	380.00	D	380.00	n	C	380.00	~	О	380.00	~	Q
DI-N-BUTYL PHTHALATE	380.00	R D	_	380.00	n	380.00	n		380.00	2	О	380.00	~	Ω
P. L. A. MIDDOCK A. M. M. COLOMBO ET SER ACTION OF SERVICE SERVICES.									:					

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP E: Soil Data for Methods OM31B

OGDEN ID Date Sampled Depth Method			-	DIMODAMKE		BM8CAA		BM8CAAKE	1)		BM8CAD	AD		
ampled	BM8BAA			BM8BAA		BM8CAA		BM8CAA			BM8CAD	AD		
Depth	10/31/97					10/31/97					10/31/97	97		
Method				9				6						
Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV OF	ODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	LAB REV QUAL QUAL QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	AL LAB QUAL	ZEV QUA		ANALYTICAL LAB REV RESULT QUAL QUAL	AB REV	QUAL CODE
OM31B (UG/KG) Continued														
FLUORANTHENE	380.00	R	_	380.00	D	380.00	n	380.00		RD		25.00	×	D
PYRENE	380.00	RD		380.00	n	380.00	n	380.00		R D		18.00	2	D
BENZYL BUTYL PHTHALATE	380.00	R	_	380.00	n	380.00	n	380.00		R D		380.00	~	О
3,3'-DICHLOROBENZIDINE	380.00	R	_	380.00	D	380.00	n	380.00		R D		380.00	~	О
BENZO(A)ANTHRACENE	380.00	R	_	380.00	D	380.00	ם	380.00		R D		380.00	~	D
CHRYSENE	380.00	RD	0	380.00	n	380.00	D	380.00		R D		380.00	2	D
BIS(2-ETHYLHEXYL) PHTHALA	380.00	RD	0	380.00	ח	380.00	D	380.00		R D		380.00	×	Ω
DI-N-OCTYLPHTHALATE	380.00	R	_	380.00	I III	380.00	UJ I	380.00		R D		380.00	2	Ω
BENZO(B)FLUORANTHENE	380.00	R	_	380.00	I II	380.00	UJ II	380.00		R D		380.00	×	Ω
BENZO(K)FLUORANTHENE	380.00	R	_	380.00	UJ I	380.00	I ffi	380.00		R D		380.00	~	Ω
BENZO(A)PYRENE	380.00	R	_	380.00	UJ	380.00	Ul II	380.00		R D		18.00	×	О
INDENO(1,2,3-C,D)PYRENE	380.00	RD	_	380.00	UJ I	380.00	U	380.00		R D		380.00	×	О
DIBENZ(A,H)ANTHRACENE	380.00	R	_	380.00	UJ I	380.00	U) II	380.00		R D		380.00	×	D
BENZO(G,H,I)PER YLENE	380.00	R D	_	380.00	UJ I	380.00	I II	380.00		R D		380.00	2	D
D:\MMR\PROGRAMS\GRP_E.DB (05/07/98 17:22.2) 1984 records. mlboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3	05/07/98 17:22.2 ords) 05/05/98 1 ⁻) 1984 re 7:55.3	ecords	mlboyajian				Ogden	Envir	onme	Ogden Environmental and Energy Services	Energ	y Se	rvice

OEES Technical Information Systems RGEN Vet 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP E: Soil Data for Methods OM31B

BM8CAD	LAB REV QUAL QUAL QUAL QUAL QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL CODE				
### ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL CODE RESULT ### ANALYTICAL LAB REV QUAL CODE ### ANALYTICAL LAB RESULT ### ANALYTICAL LAB RE	CUAL QUAL	LAB REV				
## ANALYTICAL LAB REV QUAL PRESULT ## RESULT ## RESULT ## ANALYTICAL LAB REV QUAL RESULT ## RESULT ## RESULT ## ANALYTICAL LAB REV QUAL RESULT ## RESULT ## ANALYTICAL LAB REV QUAL RESULT ## ANALYTICAL LAB REV QUAL RESULT ## ANALYTICAL CODE ## ANALYTICAL LAB REV QUAL RESULT ## ANALYTICAL CODE ## ANALYTICAL CODE ## ANALYTICAL CODE ## ANALYTICAL LAB REV QUAL RESULT ## ANALYTICAL CODE ## ANALYTICAL RESULT ## ANALYTICAL RES	LAB REV QUAL QUAL	LAB REV QUAL QUAL				
AMALYTICAL LAB REV QUAL CODE RESULT	QUAL QUAL	LAB REV QUAL QUAL				
BENZENE 380.00 BNOL BENZENE 380.00 BENZENE 380.00 BENZENE 380.00 CHLORO)PROPA 380.00 CHLORO 380.00			AL ANALYTICAL DE RESULT	CAL LAB REV QUAL T QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAL	REV QUAL QUAL CODE
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00 000						
ISOPHORONE 380.00 U						
2-NITROPHENOL 380.00 U						
2,4-DIMETHYLPHENOL 380.00 U						
BIS(2-CHLOROETHOXY) METH 380.00 U						
2,4-DICHLOROPHENOL 380.00 U						
1,2,4-TRICHLOROBENZENE 380.00 U						
NAPHTHALENE 380.00 U						
4-CHLOROANILINE 380.00 U						
HEXACHLOROBUTADIENE 380.00 U						
4-CHI,ORO-3-METHYI,PHENOL 380.00 U						
2-METHYLNAPHTHALENE 380.00 UJ C						
HEXACHI, OROCYCI, OPENTADI 380.00 UJ C						
2,4,6-TRICHLOROPHENOL 380.00 U						

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP E: Soil Data for Methods OM31B

OGDEN ID BMSKAD Date Sumpled Available of Availa	N ID ampled d A A Continued -TRICHLOROPHENOL	ND	-					
### STATE OF CONTINUES 1	ampled d Ae Ae T. Continued -TRICHLOROPHENOL							
A	d Ate B (UG/KG) Continued -TRICHLOROPHENOL							
COUNTION AMALTITICAL LAM BENT QUAR AMALTITICAL LAM BENT QUAR RESULT GUAR QUAR AMALTITICAL LAM BENT QUAR QUAR AMALTITICAL LAM BENT LAM BENT QUAR QUAR QUAR QUAR QUAR QUAR QUAR QUAR	e (UG/KG) Continued TRICHLOROPHENOL							
HENO 960.00 UU 380.00 UU 3		SULT QUAL QUAL	QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB RESULT QUAI	REV QUAL
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T. ET 380.00 U 560.00								
960.00	(-)							
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E 380.00 UJ NOL 960.00 U NOL 960.00 U A 380.00 U B THYLPHENO 960.00 U ENYLAMINE T 380.00 U	_							
E 380.00 NOL 960.00 A 380.00 ALATE 380.00 ALATE 380.00 ETHYLPHENO 960.00 ENYLAMINE 380.00 ENZENE 380.00		n	C					
NOL 960.00 VENE 380.00 ALATE 380.00 YL PHENYL ET 380.00 ETHYLPHENO 960.00 ENYLAMINE 380.00 ENYLAMINE 380.00 FINALAMINE 380.00 ENZENE 380.00 HENZENE 380.00 ENZENE 380.00								
UENE 380.00 LATE 380.00 LATE 380.00 YL PHENYL ET 380.00 ETHYLPHENO 960.00 ENYLAMINE 380.00 FINZENE 380.00 FINZENE 380.00 ENZENE 380.00 HALATE 380.00 HALATE 380.00 19.00 19.00 19.00								
ALUENE 380.00 IALATE 380.00 NYL PHENYL ET 380.00 METHYLPHENO 960.00 HENYLAMINE 380.00 HENYL ET 380.00 DPHENOL T 380.00 NE 19.00 ITHALATE 380.00 380.00 380.00								
ALUENE 380.00 IALATE 380.00 IALATATE 380.00								
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NYL PHENYL ET 380.00 JE 380.00 METHYLPHENO 960.00 HENYLAMINE 380.00 HENYLET 380.00 PHENYLET 380.00 JYL PHENYL ET 380.00 HENZENE 960.00 NE 19.00 HIALATE 380.00 380.00								
380.00								
METHYLPHENO 960.00 HENYLAMINE 380.00 IYL PHENYL ET 380.00 DPHENOL 960.00 NE 19.00 THALATE 380.00 380.00 380.00								
HENYLAMINE 380.00 HENYLAMINE 380.00 IYL PHENYL ET 380.00 BENZENE 380.00 OPHENOL 19.00 NE 19.00 380.00 ITHALATE 380.00								
HENYLAMINE 380.00 NYL PHENYL ET 380.00 BENZENE 380.00 OPHENOL 19.00 NE 380.00 HIHALATE 380.00								
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BENZENE 380.00 OPHENOL 960.00 NE 19.00 380.00 ITHALATE 380.00								
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380.00								
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Validated MMR Data, Period 1-April-98 to 30-April-98

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LIAB REV QUAL RESULT QUAL QUAL	pled														
LIMB REV QUAL QUALQUAL CODE RESULT QUALQUALCODE RESULT RESULT QUALQUALCODE RESULT R		i													
		ANALYTICAL	LAB REV QU QUAL QUAL CC	UAL	ANALYTICAL RESULT	CAB REV	ANALYTICAL	LAB	AL CODE	ANALYTICAL RESULT	LAB	AL CODE	ANALYTICAL RESULT	LAB	QUAL CODE
	UG/KG) Continued														
	ANTHENE	27.00	7												
	H	18.00													
	L BUTYL PHTHALATE	380.00	n			-									
	CHLOROBENZIDINE	380.00													
	BENZO(A)ANTHRACENE	380.00													
	ENE	18.00													
	BIS(2-ETHYLHEXYL) PHTHALA	_													
	DI-N-OCTYLPHTHALATE	380.00													
	(B)FLUORANTHENE	380.00													
	O(K)FLUORANTHENE	380.00													
	(A)PYRENE	380.00													
	O(1,2,3-C,D)PYRENE	380.00	I fin												
	ZA H)ANTHRACENE	380.00													
	KG H DPFR VI FNF	380 00													
				-											
								;							

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

EFA NO	W02DDA		W04SSA	SSA			W07DDA		Š	W07SSA		W17DDA	DA		
OGDEN ID	W02DDA		W04SSA	SSA			W07DDA		×	W07SSA		W17DDA	DDA		
Date Sampled	11/19/97		11/4/97	16,			10/31/97		10	10/31/97		11/11/97	197		
Depth															
Method Analyte	ANALYTICAL LAB RESULT QUA	LAB REV QUAL QUAL QUAL QUAL QUAL QUAL CODE		ANALYTICAL L RESULT Q	LAB REV QUAL QUAL C	QUAL	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL QUAL CODE	7 tu	ANALYTICAL LAB RESULT QUAI	LAB REV QUAL QUAL QUAL CODE		ANALYTICAL LAB REV RESULT QUAL QUAL	REV NL QUAL	QUAL
OC21B (UG/L)															
PHENOL	5.00	n		5.00	D		2.00	n		5.00	ח		2.00	D	
BIS(2-CHLOROETHYL) ETHER (2.00	n		5.00	n		2.00	n		5.00	n		5.00	D	
2-CHLOROPHENOL	5.00	n		5.00	D		2.00	ח		5.00	n		5.00	D	
1,3-DICHLOROBENZENE	5.00	R *10		5.00	~	*10	5.00	R *10	_	5.00	R *10		5.00	2	*10
1,4-DICHLOROBENZENE	5.00	R *10	_	5.00	~	*10	5.00	R *10	_	5.00	R *10	_	5.00	~	*10
1,2-DICHLOROBENZENE	5.00	R *10	_	5.00	~	*10	2.00	R *10	_	5.00	R *10	_	5.00	2	*10
2-METHYLPHENOL (O-CRESOL)	2.00	n		5.00	D		2.00	n	_	5.00	n		5.00	n	
2,2'-OXYBIS(1-CHLORO)PROPA	5.00	n		5.00	ח		5.00	n		5.00	n		5.00	D	
4-METHYLPHENOL (P-CRESOL)	5.00	n		5.00	n		5.00	D		5.00	n		2.00	D	
N-NITROSODI-N-PROPYLAMIN	2.00	n		5.00	D		5.00	Ω	-	5.00	n		5.00	0	
HEXACHLOROETHANE	5.00	n		5.00	D		5.00	D		5.00	D		5.00	D	
NITROBENZENE	5.00	n		5.00	ח		5.00	D		5.00	n		2.00	n	
ISOPHORONE	5.00	n		5.00	D		5.00	D	_	5.00	n		2.00	D	
2-NITROPHENOL	2.00	n		5.00	D		5.00	D		5.00	n		5.00	D	
2,4-DIMETHYLPHENOL	2.00	n		5.00	ח		5.00	n		5.00	ם		2.00	D	
BIS(2-CHLOROETHOXY) METH	2.00	n		5.00	D		5.00	n		5.00	n		2.00	D	
2,4-DICHLOROPHENOL	5.00	n		5.00	n		5.00	D		5.00	n	-	5.00	n	
1,2,4-TRICHLOROBENZENE	5.00	n		5.00	n		5.00	n		5.00	n		5.00	D	
NAPHTHALENE	5.00	n		5.00	ח		5.00	D		5.00	ם		5.00	n	
4-CHLOROANILINE	5.00	n		5.00	n		5.00	n		5.00	D		5.00	D	
HEXACHLOROBUTADIENE	5.00	n		5.00	n		5.00	n		5.00	D		5.00	n	
4-CHLORO-3-METHYLPHENOL	5.00	n		5.00	n		5.00	n		5.00	D		2.00	D	
2-METHYLNAPHTHALENE	5.00	n		5.00	n		5.00	n		5.00	D		5.00	ח	
HEXACHLOROCYCLOPENTADI	5.00	n		5.00	D		5.00	n		5.00	n		5.00	n	၁
2,4,6-TRICHLOROPHENOL	5.00	D		2.00	ם	Ī	5.00	n	_	5.00	D		5.00	n	

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Ogden Environmental and Energy Services

GROUP F: Water Data for Methods OC21B

ELANO	WOZDDA	W04SSA	W0/DDA	WU/SSA	WI/DDA	
OGDEN ID	W02DDA	W04SSA	W07DDA	W07SSA	W17DDA	
Date Sampled	11/19/97	11/4/97	10/31/97	10/31/97	11/11/97	
Depth						
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ODE
OC21B (UG/L) Continued						
2,4,5-TRICHLOROPHENOL	20.00 U	20.00 U	20.00 U	Z0.00 U	Z0.00 U	
2-CHLORONAPHTHALENE	5.00 U					
2-NITROANILINE	20.00 U	20.00 U	20.00 U	Z0.00 IU	Z0.00 U	
DIMETHYL PHTHALATE	5.00 U	5.00 U	5.00 U	S.00 IU	5.00 UJ C	C
ACENAPHTHYLENE	S.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
2,6-DINITROTOLUENE	5.00 U	5.00 U	5.00 U	S.00 U	5.00 U	
3-NITROANILINE	20.00 U	20.00 U	20.00	20.00 U	Z0.00 U	
ACENAPHTHENE	S.00 U	5.00 U	5.00 U	S.00 U	5.00 U	
2,4-DINITROPHENOL	20.00 U	20.00 U	20.00 U	20.00 U	20.00 UJ C	C
4-NITROPHENOL	20.00 U	20.00	20.00 U	20.00 U	20.00 U	
DIBENZOFURAN	5.00 U					
2,4-DINITROTOLUENE	5.00 U					
DIETHYL PHTHALATE	5.00 U					
FLUORENE	5.00 U	5.00 U	5.00 U	S.00 U	5.00 U	
4-CHLOROPHENYL PHENYL ET	S.00 U	S.00 U	5.00 U	5.00 U	5.00 U	
4-NITROANILINE	20.00 U					
4,6-DINITRO-2-METHYLPHENO	20.00 U	20.00 U	20.00 U	20.00 U	Z0.00 U	
N-NITROSODIPHENYLAMINE	5.00 U					
4-BROMOPHENYL PHENYL ET	5.00 U					
HEXACHLOROBENZENE	5.00 U	S.00 U	5.00 U	5.00 U	S:00 U	
PENTACHI, OROPHENOL	20.00 U	20.00	20.00 U	20.00 U	20.00 UJ C	C
PHENANTHRENE	5.00 U	5.00 U	5.00	5.00 U	S.00 U	
ANTHRACENE	5.00 U					
CARBAZOLE	5.00 U	5.00 U	5.00 U	5.00 U	S.00 U	
DI-N-BUTYI, PHTHALATE	5.00 U					

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Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

District	N ID ampled						
10/31/97	ampled)2DDA	W04SSA	W07DDA	W07SSA	W17DDA	
S	th	19/97	11/4/97	10/31/97	10/31/97	11/11/97	
Solid Code							
5.00 U 5.00 U 5.00	hod alyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV		LAB REV QUAL QUAL	AB REV QUAL QUAL	UAL
5.00 U 5.00 U 5.00 6.00 U 5.00 U 5.00 7 0 U 0 0 0	11B (UGL) Continued						
5.00 U 5.00 U 5.00	UORANTHENE						
5.00 U 5.00 U 5.00	RENE						
5.00 U 5.00 U 5.00 5.00 U 5.00 U 5.00 2.00 J 10.00 U 5.00 5.00 U 5.00 U 5.00	ENZYL BUTYL PHTHALATE						
5.00 U 5.00 U 5.00 2.00 J 10.00 U 5.00 5.00 U 5.00 U 5.00	3'-DICHLOROBENZIDINE						
5.00 U 5.00 U 5.00 2.00 J 10.00 U 5.00 5.00 U 5.00 U 5.00	ENZO(A)ANTHRACENE						
2.00 J 10.00 42.00 5.00 U 5.00 U 5.00 5.00 U 5.00 5.00	HRYSENE						
5.00 U 5.00 U 5.00	S(2-ETHYLHEXYL) PHTHALA		30.00		10.00	42.00	
5.00 U 5.00 U 5.00	-N-OCTYLPHTHALATE						
5.00 U 5.00 U 5.00 S 5.00 U 5.00 U 5.00 S 5.00 U 5.00 U 5.00 S 5.00 U 5.00 U 5.00	ENZO(B)FLUORANTHENE						
5.00 U 5.00 U 5.00 5.00 U 5.00 U 5.00 5.00 U 5.00 U 5.00	ENZO(K)FLUORANTHENE						
5.00 U 5.00 U 5.00 5.00 U 5.00 U 5.00 5.00 U 5.00	ENZO(A)PYRENE						
5.00 U 5.00 U 5.00 S	DENO(1,2,3-C,D)PYRENE						
5.00 U 5.00 U 5.00	BENZ(A,H)ANTHRACENE						
	NZO(G,H,I)PERYLENE						
A MUDOCOLA MACONIA A MACON							
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

EPA NO	W17SSA	W17SSD	W23M2A	W23M3A	W23M3D
OGDEN ID	W17SSA	W17SSD	W23M2A	W23M3A	W23M3D
Date Sampled	11/10/97	11/10/97	11/11/97	11/13/97	11/13/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UGA)					
PHENOL	S.00 U	13.00 U	5.00 U	S:00 U	5.00 U
BIS(2-CHLOROETHYL) ETHER ((5.00 U	13.00 U	5.00 U	S.00 U	5.00 U
2-CHLOROPHENOL	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
1,3-DICHLOROBENZENE	5.00 R *10	13.00 R *10	5.00 R *10	5.00 R *10	5.00 R *10
1,4-DICHLOROBENZENE	5.00 R *10	13.00 R *10	5.00 R *10	5.00 R *10	5.00 R *10
1,2-DICHLOROBENZENE	5.00 R *10	13.00 R *10	5.00 R *10	5.00 R *10	5.00 R *10
2-METHYLPHENOL (O-CRESOL)) 5.00 U	13.00 U	5.00 U	S.00 U	5.00 U
2,2'-OXYBIS(1-CHLORO)PROPA	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
4-METHYLPHENOL (P-CRESOL)	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
N-NITROSODI-N-PROPYLAMIN	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
HEXACHLOROETHANE	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
NITROBENZENE	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
ISOPHORONE	5.00 U	13.00 U	5.00 U	S.00 U	5.00 U
2-NITROPHENOL	5.00 U	13.00 U	5.00 U	S.00 U	5.00 U
2,4-DIMETHYLPHENOL	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
BIS(2-CHLOROETHOXY) METH	5.00 U	13.00 U	5.00 U	S:00 U	5.00 U
2,4-DICHLOROPHENOL	5.00 U	13.00 U	5.00 U	5.00 U	5.00
1,2,4-TRICHLOROBENZENE	5.00 U	13.00 U	5.00 U	S:00 U	5.00 U
NAPHTHALENE	5.00 U	U 13.00	5.00 U	5.00 U	5.00 U
4-CHLOROANILINE	5.00 U	13.00 U	5.00 U	S.00 U	5.00 U
HEXACHLOROBUTADIENE	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
4-CHLORO-3-METHYLPHENOL	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
2-METHYLNAPHTHALENE	S.00 U	13.00 U	5.00 U	5.00 U	5.00 U
HEXACHLOROCYCLOPENTADI	5.00 UJ C	13.00 UJ C	5.00 UJ C	5.00 UJ C	5.00 UJ C
2,4,6-TRICHLOROPHENOL	5.00 U	13.00 U	5.00 U	5.00 U	5.00 U
					3330

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Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

OGDEN ID Date Sampled	WITCEA									
	WI/SSA	W17SSD		W23M2A		W23M3A		W23M3D		
	11/10/97	11/10/97		11/11/97		11/13/97		11/13/97		
Depth										
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AL ANALYTICAL LAB REV DE RESULT QUAL QUAL	REV QUAL QUAL CODE	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL I	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	QUAL
OC21B (UG/L) Continued										
2,4,5-TRICHLOROPHENOL	20.00 U	52.00	n	20.00	n	20.00	D	20.00	n	
2-CHLORONAPHTHALENE	5.00 U	13.00	n	5.00	n	5.00	n	5.00	n	
2-NITROANILINE	20.00 U	52.00	n	20.00	n	20.00	D	20.00	n	
DIMETHYL PHTHALATE	5.00 UJ C	13.00	UJ C	2.00	u c	5.00	UJ C	5.00	n)	C
ACENAPHTHYLENE	5.00 U	13.00	n	5.00	n	5.00	n	5.00	n	
2,6-DINITROTOLUENE	5.00 U	13.00	n	2.00	ח	5.00	n	. 5.00	n	
3-NITROANILINE	20.00 U	52.00	n	20.00	Ω	20.00	n	20.00	n	
ACENAPHTHENE	S.00 U	13.00	n	2.00	n	5.00	n	5.00	D	
2,4-DINITROPHENOL	20.00 UJ C	52.00	UJ C	20.00	UJ C	20.00	UJ C	20.00	G	၁
4-NITROPHENOL	20.00 U	52.00	n	20.00	D	20.00	n	20.00	D	
DIBENZOFURAN	5.00 U	13.00	n	5.00	n	5.00	D	5.00	n	
2,4-DINITROTOLUENE	5.00 U	13.00	n	5.00	n	5.00	n	5.00	n	
DIETHYL PHTHALATE	5.00 U	13.00	n	5.00	n	5.00	D	5.00	ח	
FLUORENE	5.00 U	13.00	n	2.00	n	5.00	n	5.00	n	
4-CHLOROPHENYL PHENYL ET	5.00 U	13.00	n	2.00	n	5.00	n	5.00	n	
4-NITROANILINE	20.00 U	52.00	n	20.00	n	20.00	n	20.00	n	
4,6-DINITRO-2-METHYLPHENO	20.00 U	52.00	n	20.00	D	20.00	D	20.00	n	
N-NITROSODIPHENYLAMINE	5.00 U	13.00	n	5.00	n	2.00	D	5.00	n	
4-BROMOPHENYL PHENYL ET	5.00 U	13.00	n	2.00	n	5.00	D	5.00	n	
HEXACHLOROBENZENE	5.00 U	13.00	n	2.00	D	5.00	n	5.00	D	
PENTACHLOROPHENOL	20.00 UJ C	52.00	UJ C	20.00	U) C	20.00	UJ C	20.00	m	C
PHENANTHRENE	5.00 U	13.00	n	2.00	D	5.00	n	5.00	n	
ANTHRACENE	5.00 U	13.00	n	5.00	D	5.00	n	5.00	n	
CARBAZOLE	5.00 U	13.00	n	5.00	D	5.00	D	5.00	D	
DI-N-BUTYL PHTHALATE	5.00 U	13.00	n	5.00	n	5.00	D	5.00	D	
D:MMRVPROGRAMS/GRP_F.DB (1216 of 1216 records) 05/07/98 17:22	216 of 1216 records) 05/0	7/98 17:22.3 read by mlboyajian	lboyajian			Ogden En	vironment	Ogden Environmental and Energy Services	rgy Ser	vice

D:VMMR/PROGRAMS/GRP_F.DB (1216 of 1216 records) 05/07/98 17:22.3 read by mlboyajian TACLEANIMMRICOC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

OGDEN ID Date Sampled Depth Method Analyte OC21B (UGL) Continued FLUORANTHENE PYRENE BENZYL BUTYL PHTHALATE 3,3'-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHALA	M 11/1	10/97 ANALYTICAL LAB REV QUAL RESULT QUAL CODE	W17SSD 11/10/97		W23M2A		W23M3A		W23M3D	
Date Sampled Depth Method Analyte OC21B (UG/L) Continued FLUORANTHENE PYRENE BENZYL BUTYL PHTHALATE 3,3'-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL4		AB REV QUAL	11/10/97	The same of the sa			A POTATO A AA			
Method Analyte OC21B (UG/L) Continued FLUORANTHENE PYRENE BENZYL BUTYL PHTHALATE 3,3-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHALA		AB REV QUAL			11/11/97		11/13/97		11/13/97	
Method Analyte OC21B (UG/L) Continued FLUORANTHENE PYRENE BENZYL BUTYL PHTHALATE 3,3'-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL4		AB REV QUAL								
OC21B (UGAL) Continued FLUORANTHENE PYRENE BENZYL BUTYL PHTHALATE 3,3-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL4	2	1	ANALYTICAL II RESULT	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL L RESULT Q	LAB REV QUAL QUAL QUAL QUAL QUAL CODE	ANALYTICAL L RESULT Q	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL L	LAB REV QUAL QUAL QUAL CODE
FLUORANTHENE PYRENE BENZYL BUTYL PHTHALATE 3,3-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL										
PYRENE BENZYL BUTYL PHTHALATE 3,3'-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL		n	13.00	n	5.00	D	5.00	n	2.00	D
BENZYL BUTYL PHTHALATE 3,3'-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL		D	13.00	n	5.00	ח	5.00	n	5.00	n
3,3'-DICHLOROBENZIDINE BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL	·	D	13.00	n	2.00	D	5.00	D	5.00	n
BENZO(A)ANTHRACENE CHRYSENE BIS(2-ETHYLHEXYL) PHTHALA		D	13.00	n	2.00	n	5.00	D	5.00	D
CHRYSENE BIS(2-ETHYLHEXYL) PHTHAL≜		D	13.00	n	5.00	D	5.00	D	5.00	n
BIS(2-ETHYLHEXYL) PHTHAL≜		n	13.00	D	5.00	D	5.00	D	5.00	n
	(UJ B,*8	120.00	8* 5	2.00	D	10.00		13.00	
DI-N-OCTYLPHTHALATE	2.00	D	13.00	D	2.00	D	5.00	D	5.00	D
BENZO(B)FLUORANTHENE	5.00	D	13.00	ם	2.00	n	5.00	n	5.00	n
BENZO(K)FLUORANTHENE	5.00	D	13.00	n	5.00	<u>n</u>	2.00	D	5.00	n
BENZO(A)PYRENE	5.00	n	13.00	n	2.00	ם	2.00	D	5.00	ח
INDENO(1,2,3-C,D)PYRENE	5.00	n	13.00	n	2.00	D	5.00	D	5.00	D
DIBENZ(A,H)ANTHRACENE	5.00	D	13.00	n	2.00	D	2.00	n	5.00	n
BENZO(G,H,DPERYLENE	5.00	n	13.00	ם	5.00	D	5.00	n	5.00	Ω

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

OGDEN ID W28SSA W29SSA W29SSA W30SSA Date Sampled I1/3/97 I1/3/97 I1/20/97 Date Sampled I1/3/97 I1/3/97 I1/20/97 Date Date Sampled I1/3/97 I1/3/97 I1/20/97 Date Date Sampled II/3/97 II/3/97 II/3/97 II/3/97 Analyte Analyte <t< th=""><th>WISORRA</th><th></th><th></th></t<>	WISORRA		
ampled 11/3/97 11/3/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 11/12/97 <th< th=""><th>W3U33A</th><th>W9701A</th><th>W9701D</th></th<>	W3U33A	W9701A	W9701D
4 AMALTICAL LAB RESULT QUAL CORD AMALTICAL LAB RESULT QUAL QUAL CORD AMALTICAL LAB RESULT QUAL CORD CORD </th <th>11/20/97</th> <th>11/19/97</th> <th>11/19/97</th>	11/20/97	11/19/97	11/19/97
COGATION AMALTTOOL LAB ENT QUAL CODE PERSULT QUAL CODE QUAL CODE PERSULT QUAL CODE PERSULT QUAL CODE PERSULT QUAL CODE QUAR CODE PERSULT QUAL CODE PERSULT QUAR CODE PERSU			
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5.00 R *10 5.00 U 5.00 5.00 U 5.00 U 5.00 6.00 U 5.00 U 5.00 7.00 U 5.00 U 5	5.00 R	*10 5.00 R *10	5.00 R *10
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		5.00 U	5.00 U

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

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DI-N-BUTYL PHTHALATE 5.00 U 5.00	n	5.00 U	5.00 U	5.00 U	dosT

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

Date Supplied	EPA NO	W28SSA	W29SSA	W30SSA	W9701A	W9701D	
11/397	OGDEN ID	W28SSA	W29SSA	W30SSA	W9701A	W9701D	
Charge C	Date Sampled	11/3/97	11/3/97	11/20/97	11/19/97	11/19/97	
CHICAROMEMANGRPLENE Store Chicaro Chic	Depth						
5.00 U S.00 U 5.00 U S.00 <	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	ANALYTICAL	ANALYTICAL LAB REV RESULT QUAL QUAL	QUAL
5:00 U 8:00 U 8:00 U 8:00 U 8:00 U 8:00 U 9:00	OC21B (UGL) Continued						
5:00 U 5:00 U 5:00 U 5:00 U	FLUORANTHENE						
5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 16:00 U 5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 6:00 U 5:00 U 5:00 U 8:00 U	PYRENE						
5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 5:00 U 6:00 U 5:00 U 5:00 U 8:00 U 5:00 U 5:00 U 9:00 U 5:00 U 5:00 U 10 10 10 10 10 10 10 10 10 10	BENZYL BUTYL PHTHALATE						
5.00 U 5.00	3,3'-DICHLOROBENZIDINE						
5.00 U 5.	BENZO(A)ANTHRACENE						
1.00 J. 34.00 J. 38.00 J. 38.00 <th< td=""><td>CHRYSENE</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	CHRYSENE						
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5.00 U 0 U 5.00 U 0 U 0 U 0 U 0 U 0 U 0 U 0	BENZO(K)FLUORANTHENE						
5.00 U 5.	BENZO(A)PYRENE						
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

OGDEN ID	The second secon				
	W9702A	W9705A	WL12XA	WL12XD	
Date Sampled	11/20/97	11/20/97	11/12/97	11/12/97	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L)					
PHENOL	5.00 U	S.00 U	S.00 U	5.00 U	
BIS(2-CHLOROETHYL) ETHER (5.00 U	S.00 U	5.00 U	5.00 U	
2-CHLOROPHENOL	5.00 U	S.00 U	5.00 U	5.00 U	
1,3-DICHLOROBENZENE	5.00 R *10	5.00 R *10	5.00 R *10	5.00 R *10	
1,4-DICHLOROBENZENE	5.00 R *10	5.00 R *10	5.00 R *10	5.00 R *10	
1,2-DICHLOROBENZENE	5.00 R *10	5.00 R *10	5.00 R *10	5.00 R *10	
2-METHYLPHENOL (O-CRESOL)	5.00 U	5.00 U	5.00 U	5.00 U	
2,2'-OXYBIS(1-CHLORO)PROPA	S.00 U	S.00 U	5.00 U	5.00 U	
4-METHYLPHENOL (P-CRESOL)	5.00 U	S:00 U	5.00 U	5.00 U	
N-NITROSODI-N-PROPYLAMIN	5.00 U	5.00 U	5.00 U	5.00 U	
HEXACHLOROETHANE	5.00 U	5.00 U	5.00 U	5.00 U	
NITROBENZENE	5.00 U	5.00 U	5.00 U	5.00 U	
ISOPHORONE	5.00 U	5.00 U	5.00 U	5.00 U	
2-NITROPHENOL	5.00 U	S.00 U	5.00 U	5.00 U	
2,4-DIMETHYLPHENOL	5.00 U	5.00 U	5.00 U	5.00 U	
BIS(2-CHLOROETHOXY) METH	5.00 U	5.00 U	5.00 U	5.00 U	
2,4-DICHLOROPHENOL	5.00 U	5.00 U	5.00 U	5.00 U	
1,2,4-TRICHLOROBENZENE	5.00 U	5.00 U	5.00 U	5.00 U	
NAPHTHALENE	5.00 U	5.00 U	5.00 U	5.00 U	
4-CHLOROANILINE	5.00 U	5.00 U	5.00 U	5.00 U	
HEXACHLOROBUTADIENE	5.00 U	5.00 U	S.00 U	5.00 U	
4-CHLORO-3-METHYLPHENOL	5.00 U	5.00 U	S.00 U	5.00 U	
2-METHYLNAPHTHALENE	S.00 U	5.00 U	5.00 U	5.00 U	
HEXACHLOROCYCLOPENTADI	5.00 U	5.00 U	5.00 UJ C	5.00 UJ C	
2,4,6-TRICHLOROPHENOL	5.00 U	S.00 U	5.00 U	5.00 U	

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

	W9/02A	W9705A	WEITAR	WLIZAU	
OGDEN ID	W9702A	W9705A	WL12XA	WL12XD	
Date Sampled	11/20/97	11/20/97	11/12/97	11/12/97	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L) Continued					
2,4,5-TRICHLOROPHENOL	21.00 U	20.00 U	20.00 U	20.00 U	
2-CHLORONAPHTHALENE	5.00 U	5.00 U	5.00 U	5.00 U	
2-NITROANILINE	21.00 U	20.00	20.00	20.00 U	
DIMETHYL PHTHALATE	5.00 U	5.00 U	5.00 UJ C	5.00 UJ C	
ACENAPHTHYLENE	5.00 U	5.00 U	5.00	5.00 U	
2,6-DINITROTOLUENE	5.00 U	5.00 U	5.00 U	5.00 U	
3-NITROANILINE	21.00 U	20.00	20.00 U	20.00 U	
ACENAPHTHENE	5.00 U	S.00 U	5.00 U	5.00 U	
2,4-DINITROPHENOL	21.00 U	20.00	20.00 UJ C	20.00 UJ C	
4-NITROPHENOL	21.00 U	20.00 U	20.00 U	20.00 U	
DIBENZOFURAN	5.00 U	5.00 U	5.00 U	5.00 U	
2,4-DINITROTOLUENE	5.00 U	5.00	5.00 U	5.00 U	
DIETHYL PHTHALATE	5.00 U	5.00 U	5.00 U	5.00 U	
FLUORENE	5.00 U	S.00 U	5.00 U	5.00 U	
4-CHLOROPHENYL PHENYL ET	5.00 U	5.00 U	5.00 U	5.00 U	
4-NITROANILINE	21.00 U	20.00	20.00 U	20.00 U	
4,6-DINITRO-2-METHYLPHENO	21.00 U	20.00	20.00	20.00 U	
N-NITROSODIPHENYLAMINE	5.00 U	5.00 U	5.00 U	5.00 U	
4-BROMOPHENYL PHENYL ET	5.00 U	5.00 U	5.00 U	5.00 U	
HEXACHLOROBENZENE	5.00 U	5.00 U	5.00 U	5.00 U	
PENTACHLOROPHENOL	21.00 U	20.00 U	20.00 UJ C	20.00 UJ C	
PHENANTHRENE	5.00 U	S.00 U	5.00 U	5.00 U	
ANTHRACENE	5.00 U	5.00 U	5.00 U	5.00 U	
CARBAZOLE	5.00 U	5.00 U	5.00 U	5.00 U	
DI-N-BUTYL PHTHALATE	5.00 U	5.00 U	5.00 U	5.00 U	

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP F: Water Data for Methods OC21B

EPA NO	W9702A	W9705A	WL12XA	WL12XD	6
OGDEN ID	W9702A	W9705A	WI.12XA	WL,12XD	
Date Sampled	11/20/97	11/20/97	11/12/97	11/12/97	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
OC21B (UGL) Continued					
FLUORANTHENE	5.00 U	5.00 U	S.00 U	S.00 U	
PYRENE	5.00 U	5.00 U	5.00 U	S.00 U	
BENZYL BUTYL PHTHALATE	S.00 U	5.00 U	5.00 U	5.00 U	
3,3'-DICHLOROBENZIDINE	S.00 U	5.00	5.00 U	5.00 U	
BENZO(A)ANTHRACENE	5.00 U	5.00 U	5.00 U	5.00 U	
CHRYSENE	5.00 U	5.00 U	5.00 U	5.00 U	
BIS(2-ETHYLHEXYL) PHTHALA	2.00	15.00	22.00 UJ B	5.00 U B	
DI-N-OCTYLPHTHALATE	5.00 U	S.00 U	5.00 U	5.00 U	
BENZO(B)FLUORANTHENE	S.00 U	5.00 U	5.00 U	5.00 U	
BENZO(K)FLUORANTHENE	5.00 U	5.00 U	5.00 U	5.00 U	
BENZO(A)PYRENE	5.00 U	5.00 U	5.00 U	5.00 U	
INDENO(1,2,3-C,D)PYRENE	5.00 U	S.00 U	5.00 U	5.00 U	
DIBENZ(A,H)ANTHRACENE	5.00 U	5.00 U	5.00 U	5.00 U	
BENZO(G,H,I)PER YLENE	5.00 U	5.00 U	5.00 U	5.00 U	
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Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	B01ABA	B01BBA	BOICBA	B01DBA	B01EBA
OGDEN ID	B01ABA	B01BBA	B01CBA	B01DBA	B01EBA
Date Sampled	11/18/97	11/18/97	11/18/97	11/18/97	11/18/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
8515 (MG/KG)					
HMX/RDX	1.00 U	1.00 U	1.00 U	1.00 U	0.78 J
CRRSCT (MG/KG)					
TNUTAL	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8330/V (UG/AG)					
OCIAHTDRO-1,3,3,7-1E1RANII					
HEXAHYDRO-1,3,5-TRINITRO-1					120.00 U
1,3,5-TRINITROBENZENE					120.00 U
1,3-DINITROBENZENE					120.00 U
TETRYL					120.00
NITROBENZENE					120.00
2,4,6-TRINITROTOLUENE					120.00
4-AMINO-2,6-DINITROTOLUENE	. Ш.				120.00
2-AMINO-4,6-DINITROTOLUENE	. H.				120.00 U
2,6-DINITROTOLUENE					120.00 U
2,4-DINITROTOLUENE					120.00 U
PICRIC ACID					120.00
2-NITROTOLUENE					120.00
4-NITROTOLUENE					120.00 U
3-NITROTOLUENE					120.00 U
2,6-DIAMINO-4-NITROTOLUENE	. Щ.				250.00
2,4-DIAMINO-6-NITROTOLUENE	- Щ.				120.00
PENTAERYTHRITOL TETRANIT	I				S000.00 U
NITROGLYCERIN					2500.00 U
;					

D.MMRIPROGRAMSKRP_G.DB (753 of 753 records) 05/07/98 17:23.0 read by mlboyajian

Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver 2q

<PRG table not selected>

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

	BULABA	BOIBBA	BUICBA	BUIDBA	BOIEBA	
OGDENID						
Denth						
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB RES RESULT QUAL QU	REV QUAL QUAL CODE
OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE 1,3-DINITROBENZENE 2,4,6-TRINITROTOLUENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 4-NITROTOLUENE 3-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANIT						S Technical Information Systems RGEN Ver. 2q
D:\MMR\PROGRAMS\GRP_G.DB (753 of 753 records) 05/07/98 17.23.0	(753 of 753 records) 05/07/98 1	7:23.0 read by mlboyajian		Oaden Environmental and Energy Services		rvices

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Validated MMR Data, Period 1-April-98 to 30-April-98

OGDEN ID BOI-HRA BOI-GRA BOI-HRA <	M ID B01 ampled 11/1	View View	B01GBA	jumes .	BOILERA	B02ABA		B02BBA	
Interpretation Inte	ampled d Are VRDX CT (MG/KG) DNT	Milo Vada							
Augustical Line Augustical	d Ae MG/KG) CRDX CT (MG/KG) DNT	DEW WIN	11/19/97		11/19/97	11/11/97		11/11/97	
CO AMALTITCAL LINE RESULT AMALTITCAL LINE RESULT GOAD GOAD GOAD GOAD GOAD GOAD GOAD GOAD	KG)	APP BEV OUAL							
1.00	KG)	QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUA	QUAL L CODE	ANALYTICAL LAB REV QUA RESULT QUAL QUAL COI		CAL LAB REV QUAL QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE	LAB REV QUAL QUAL Q
COP A 74 J .00 U 1.00									-
(O) (O) <td></td> <td>n</td> <td></td> <td></td> <td></td> <td>1.0</td> <td></td> <td>1.00</td> <td>n</td>		n				1.0		1.00	n
## 6.74 J 6.74 J 1000 U 1000 U 1000 U 1000 U 113.5,7-TETRANIT 120.00 U 120.									
SHE TRANIT (120.00 U 120.00 U		7				7.1		1.00	D
120.00 U 120.00 U 250.00 U 250.00 U 2500.00 U 2500.00 U	8330N (UG/KG)								
FANTEROLI, 120.00 U 1	-, .	n							
FENE 120.00 U 120.00	- 6-	n							
### 120.00 U		n							
120.00		n							
TROTOLUENE 120.00 U 1		n							
TROTOLUENE 120.00 U 1		n							
TROTOLUENE 120.00 U 1		n							
TROTOLUENE 120.00		n							
ENE 120.00 U 120.00 U JENE 120.00 U 120.00 U 120.00 U 120.00 U E 120.00 U 120.00 U E 120.00 U 120.00 U E 120.00 U 120.00 U TROTOLUENE 250.00 U 250.00 U OL TETRANIT 5000.00 U 2500.00 U 2500.00 U 2500.00 U		D							
TENE 120.00		n							
E 120.00 U 1		n							
E 120.00 U 1		Ω							
E 120.00 U 250.00 U 120.00 U 120.00 U 120.00 U 120.00 U 120.00 U 5000.00 U 5000.00 U 5000.00 U 5500.00		n							
HROTOLUENE 250.00 U 2500.00 U		n							
TROTOLUENE 250.00 U 250.00 U 120.00 U 120.00 U 120.00 U 5000.00 U 5000.00 U 2500.00 U		n							
OL TETRANIT 5000.00 U 5000.00 U 5000.00 U 5500.00 U 2500.00 U 2500.00 U		n							
OL TETRANIT 5000.00 U 5000.00 U 2500.00 U 2500.00 U		D							
2500.00 U 2500.00		n				,			
		U							
D-IMANDED C. D. (752 of 752 records) OS(0710g 17-23 0 read by milrovinian	D-WANABODE AMSKEPP G DB (753 of 753 record	1 80/LU/50 (spx	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- dei		ŧ			

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

EPA NO	BOIFBA	BOIGBA	BOTHBA	B02ABA	B02BBA
OGDEN ID					
Date Sampled				r	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL ILAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL NITROBENZENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE PICKIC ACID 2-NITROTOLUENE PICKIC ACID 2-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANIT					
D:MMRNPROGRAMS\\GRP_G.D\B\(753\) of 753 records\) 05/07/98 17:23.0	753 of 753 records) 05/07/98	17.23.0 read by mlboyajian		Ogden Environmental and Energy Services	al and Energy Servic

T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3

Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	B02CBA	B02DBA		B02EBA		B02FBA		BO.	B02GBA		
OGDEN ID	B02CBA	B02DBA		B02EBA		B02FBA		B0.	B02GBA		
Date Sampled	11/11/97	11/12/97		11/12/97		11/12/97		11/	11/12/97		
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL QUAL QUAL QUAL CODE	ODE	ANALYTICAL L RESULT	LAB REV QUAL QUAL QUAL QUAL QUAL	QUAL
8515 (MG/KG)											
HMX/RDX	1.00 U	0.88 J	C	0.98	J C	0.78	JC	P.	1.40	ſ	၁
CRRSCT (MG/KG)											
TNT/DNT	1.00 U	1.00 U		1.00	n	0.75	7		1.00	D	
8330N (UG/KG)											
OCTAHYDRO-1,3,5,7-TETRANIT		120.00 UJ	H	120.00	U H	120.00	UJH		120.00	E	H
HEXAHYDRO-1,3,5-TRINITRO-1		120.00 UJ	Н	120.00	UJ H	120.00	UJ H	_	120.00	n	H
1,3,5-TRINITROBENZENE		120.00 UJ	H	120.00	UJ H	120.00	UJH		120.00	n	Н
1,3-DINITROBENZENE		120.00 UJ	H	120.00	UJ H	120.00	UJH		120.00	n	H
TETRYL		120.00 UJ	H	120.00	H m	120.00	UJH		120.00	CI	H
NITROBENZENE		120.00 UJ	Η	120.00	UJ H	120.00	UJH		120.00	m	H
2,4,6-TRINITROTOLUENE		120.00 UJ	H	120.00	UJ H	120.00	UJH		120.00	M	Н
4-AMINO-2,6-DINITROTOLUENE	- 田 ·	120.00 UJ	Н	120.00	UJ H	120.00	UJH	_	120.00	IO	Н
2-AMINO-4,6-DINITROTOLUENE	- Н	120.00 UJ	Н	120.00	UJ H	120.00	UH		120.00	n	Н
2,6-DINITROTOLUENE		120.00 UJ	Н	120.00	UJ H	120.00	UH		120.00	m	Н
2,4-DINITROTOLUENE		120.00 UJ	H	120.00	UJ H	120.00	UJ H	_	120.00	n	Н
PICRIC ACID		120.00 UJ	Н	120.00	UJ H	120.00	UJ H		120.00	n	H
2-NITROTOLUENE		120.00 UJ	H	120.00	UJ H	120.00	UJ H		120.00	n	Н
4-NITROTOLUENE		120.00 UJ	H	120.00	UJ H	120.00	UJ H		120.00	T)	Н
3-NITROTOLUENE		120.00 UJ	Н	120.00	UJ H	120.00	UJH		120.00	<u>U</u>	Н
2,6-DIAMINO-4-NITROTOLUENE	- Ш	250.00 UJ	H	250.00	UJ H	250.00	UJ H		250.00	D	Н
2,4-DIAMINO-6-NITROTOLUENE		120.00 UJ	Н	120.00	UJ H	120.00	UJH		120.00	n	Н
PENTAER YTHRITOL TETRANIT		\$000.00 UJ	H	2000.00	UJ H	5000.00	UJ H		5000.00	n	Н
NITROGLYCERIN		2500.00 UJ	H	2500.00	UJ H	2500.00	H m		2500.00	n	H
D:\MMR\PROGRAMS\GRP_G.DB (753 of 753 records) 05/07/98 17:23.0	(753 of 753 records) 05/07/98	17:23.0 read by mlboyajian	iam			Ogden Environmental and Energy Services	vironm	ental 8	and Ener	gy Se	rvices

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OEES Technical Information Systems RGEN Ver 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

B02CBA B02DBA	ANALYTICAL LAB REV QUAL ANALYTICAL RESULT QUAL CODE RESULT	330 (UG/KG) GCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE 1,3-DINITROBENZENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 3,4-DINITROTOLUENE 4-NITROTOLUENE 3-NITROTOLUENE 3-NITROTOLUENE 2,4-DIAMINO-4-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANIT	D.IMMRIPROGRAMSIGRP G.DB (753 of 753 records) 05/07/98 17:23.0 read by
	LAB REV QUAL QUALQUAL CODE		read by milbovaiian
B02EBA	ANALYTICAL LAB REV QUAL RESULT QUAL, QUAL, CODE		
B02FBA	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		
БО20ВА	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		

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Validated MMR Data, Period 1-April-98 to 30-April-98

OGDENID	B02HBA		B02IBA			B02JBA			B02KBA			B02LBA	,	
Date Sampled	11/12/97		11/12/97			11/12/97			11/13/97			11/13/97		
Depth														
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	V QUAL	ANALYTICAL	LAB REV QUAL QUAL	QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	ODE	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL	QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL CODE	V QUA
8515 (MG/KG)														
HMX/RDX	0.58	C	0.88	7	C	0.98	7	C	1.20	7	C	0.58	7	C
CRRSCT (MG/KG)										_				
TNT/DNT	1.00 U		1.00	n		1.00	n		0.92	2		0.88	7	
8330N (UG/KG)														
OCTAHYDRO-1,3,5,7-TETRANIT	120.00 UJ	J H	120.00	C	H	120.00	UJ	Н	120.00	m	Н	120.00	TO	H
HEXAHYDRO-1,3,5-TRINITRO-1,	120.00 UJ	ј Н	120.00	M	Н	120.00	n	Н	120.00	m	H	120.00	5	H
1,3,5-TRINITROBENZENE	120.00 UJ) H	120.00	Ω	Н	120.00	UJ	Н	120.00	n	H	120.00	n	H
1,3-DINITROBENZENE	120.00 UJ	J H	120.00	IJ	H	120.00	UJ	Н	120.00	m	H	120.00	CD	H ſ
TETRYL	120.00 UJ	ј Н	120.00	m	H	120.00	UJ	Н	120.00	n	н	120.00	U	H
NITROBENZENE	120.00 UJ	Э Н	120.00	Ω	Н	120.00	m	Н	120.00	U	H	120.00	n	H
2,4,6-TRINITROTOLUENE	120.00 UJ) Н	120.00	UJ	H	120.00	UJ	H	120.00	U	Н	120.00	(D)	H
4-AMINO-2,6-DINITROTOLUENE	120.00 UJ	J H	120.00	m	Η	120.00	m	H	120.00	M	H	120.00	n n	H
2-AMINO-4,6-DINITROTOLUENE	120.00 UJ	J H	120.00	UJ	Н	120.00	[O]	H	120.00	UJ	H	120.00	f)	H
2,6-DINITROTOLUENE	120.00 UJ) Н	120.00	m	Н	120.00	n	H	120.00	M	Н	120.00	5	H
2,4-DINITROTOLUENE	120.00 UJ	J H	120.00	m	Н	120.00	n	Н	120.00	U	H	120.00	m	J H
PICRIC ACID	120.00 UJ	J H,Q	120.00	Ω	Н	120.00	n	H	120.00	m	H	120.00	n	H f
2-NITROTOLUENE	120.00 UJ) H	120.00	C	Н	120.00	UJ	Н	120.00	U	H	120.00	n	H f
4-NITROTOLUENE	120.00 UJ	J H	120.00	m	H	120.00	m	H	120.00	M	H	120.00	D D	H
3-NITROTOLUENE	120.00 UJ	J H	120.00	UJ	H	120.00	n	Н	120.00	m	H	120.00	n	J H
2,6-DIAMINO-4-NITROTOLUENE	250.00 UJ	1 Н	250.00	CO	Н	250.00	n	H	250.00	M	H	250.00	n) H
2,4-DIAMINO-6-NITROTOLUENE	120.00 UJ	J Н,Q	120.00	CD	Ξ	120.00	5	H	120.00	UJ	Н	120.00	m) H
PENTAERYTHRITOL TETRANIT	5000.00 UJ	Э Н	5000.00	m	H	5000.00	n	H	5000.00	UJ	Н	5000.00	m	J H
NITROGLYCERIN	2500.00 UJ) H	2500.00	T)	H	2500.00	5	Н	2500.00	n	H	2500.00	TO	H
							200							

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

OGDEN ID	DUZHISA	ВО2ПЗА	B02JBA	B02KI3A	B02LBA	
Date Sampled						
Depth						
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL IAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	
A330 (UGKG) OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3-DINITROBENZENE 1,3-DINITROBENZENE 1,3-DINITROBENZENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 3-NITROTOLUENE 3-NITROTOLUENE 2,4-DIAMINO-4-NITROTOLUENE 2,5-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANIT						DEES Technical Information Systems RGEN Ver. 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

OGDEN ID B02MBA Date Sampled 11/13/97 Depth Analyte Analyte RESULT HMX/RDX 0.68 TNT/DNT 0.83 8330N (UG/KG) 0.83 HEXAHYDRO-1,3,5,7-TETRANIT 120.00 HEXAHYDRO-1,3,5-TRINITRO-1, 120.00 1,3,5-TRINITROBENZENE 1,3,5-TRINITROBENZENE 120.00 TETRYL 120.00 NITROBENZENE 120.00 NITROBENZENE 120.00		B02NBA		AGCCC				A 01100		
### 11/1 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 #### 4 #### 4 #### 4 #### 4 #### 4 #### 4 ##### 4 ########		101011		B020BA		B03EBA		BO3FBA		
d MG/KG) (/RDX CT (MG/KG) DNT (/UG/KG) AHYDRO-1,3,5,7-TETRANIT AHYDRO-1,3,5-TRINITRO-1, -TRINITROBENZENE DINITROBENZENE SYL		11/13/97		11/13/97		11/10/97		11/10/97		
(G) 0-1,3,5,7-TETRANIT 0-1,3,5-TRINITRO-1, COBENZENE BENZENE										
(G) -1,3,5,7-TETRANIT O-1,3,5-TRINITRO-1, OBENZENE SENZENE	RESULT QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAI	LAB REV QUAL QUAL QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAL	LAB REV QUAL QUALQUAL CODE	ANALYTICAL I RESULT	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL CODE	QUAL
GG) 9-1,3,5,7-TETRANIT 9-1,3,5-TRINITRO-1, COBENZENE BENZENE										
GG) -1,3,5,7-TETRANIT -1,3,5-TRINITRO-1, COBENZENE SENZENE	J C	0.58	JC	0.88	JC	0.39		0.88	7	
0-1,3,5,7-TETRANIT 0-1,3,5-TRINITRO-1, COBENZENE SENZENE										
9-1,3,5,7-TETRANIT 9-1,3,5-TRINITRO-1, COBENZENE BENZENE	7	1.00	n	1.00	n	0.67	7	1.00	n	
3,5-TRINITRO-1, ENZENE ZENE	UJ H	120.00	UJ H	120.00	UJ H	120.00	n	120.00	n	
ENZENE	п н	120.00	UJ H	120.00	UJ H	120.00	n	120 00	n	
ZENE	UJ H	120.00	UJ H	120.00	UJ H	120.00	n	120.00	n	
	UJ H	120.00	UJ H	120.00	UJ H	120.00	n	120.00	Ω	
	H m	120.00	UJ H	120.00	UJ H	120.00	D	120.00	n	
	UJ H	120.00	UJ H	120.00	UJ H	120.00	n	120.00	n	
2,4,6-TRINITROTOLUENE	UJ H	120.00	UJ H	120.00	UJ H	120.00	n	120.00	n	
4-AMINO-2,6-DINITROTOLUENE 120.00	ил н	120.00	UJ H	120.00	UJ H	120.00	D	120.00	n	
2-AMINO-4,6-DINITROTOLUENE 120.00	UJ H	120.00	UJ H	120.00	UJ H	120.00	ח	120.00	n	
2,6-DINITROTOLUENE 120.00	ПЛ Н	120.00	UJ H	120.00	UJ H	120.00	D	120.00	n	
2,4-DINITROTOLUENE 120.00	UJ H	120.00	UJ H	120.00	UJ H	120.00	D	120.00	n	
PICRIC ACID 120.00	пл н	120.00	UJ H	120.00	UJ H	120.00	R Q	120.00	n	
2-NITROTOLUENE 120.00	UJ H	120.00	UJ H	120.00	UJ H	120.00	n	120.00	n	
4-NITROTOLUENE 120.00	UJ H	120.00	UJ H	120.00	UJ H	120.00	ם	120.00	D	
3-NITROTOLUENE 120.00	UJ H	120.00	UJ H	120.00	UJ H	120.00	D	120.00	n	
2,6-DIAMINO-4-NITROTOLUENE 250.00	UJ H	250.00	UJ H	250.00	UJ H	250.00	O IO	250.00	n	
2,4-DIAMINO-6-NITROTOLUENE 120.00	UJ H	120.00	UJ H	120.00	UJ H	120.00	RQ	120.00	Ω	
PENTAERYTHRITOL TETRANIT 5000.00	UJ H	5000.00	UJ H	5000.00	UJ H	5000.00	UJ C	5000.00	UJ	၁
NITROGLYCERIN 2500.00	UJ H	2500.00	UJ H	2500.00	UJ H	2500.00	n	2500.00	D	
D.\MMR\PROGRAMS\GRP_G.DB (753 of 753 records) 05/07/98 17:23.0 read by mlboyajian	ords) 05/07/98 1	7:23.0 read by m	Iboyajian			Oadon En	taoma ouive	Oaden Universamental and Energy Sorvices	Son Con	1001

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

Date Sampled Depth Method Analyte Analyte CCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE 2,4,6-TRINITROTOLUENE 2,4,6-TRINITROTOLUENE 3,4,6-TRINITROTOLUENE 3,4,6-TRINITROTOLUENE 3,4,6-TRINITROTOLUENE 3,4,6-TRINITROTOLUENE					
ampled d Ate AHYDRO-1,3,5,7-TETRANIT AHYDRO-1,3,5-TRINITRO-1, -TRINITROBENZENE SINTTROBENZENE SINTTROBENZENE AND AND AND AND AND AND AND	The same of the sa	, , , , , , , , , , , , , , , , , , , ,			
Ate UG/KG) AHYDRO-1,3,5,7-TETRANIT AHYDRO-1,3,5-TRINITRO-1, -TRINITROBENZENE SINITROBENZENE RYL ROBENZENE -TRINITROTOLUENE AINO-2,6-DINITROTOLUENE	The second secon	1			
CO-1,3,5,7-TETRANIT CO-1,3,5-TRINITRO-1, ROBENZENE BENZENE TENE FOTOLUENE 6-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TETRANIT 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL NITROBENZENE 2,4,6-TRINITROTOLUENE 4-AMINO-2,6-DINITROTOLUENE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2,6-DINITROTOLUENE 2,4-DINITROTOLUENE PICRIC ACID 2-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE PENTAER YTHRITOL TETRANIT					

D.IMMRIPROGRAMSIGRP G.DB (753 of 753 records) 05/07/98 17:23.0 read by mlboyajian

Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

Districted Dis	EPANO	B03GBA	B03JBA		B03KBA		B03LBA		B03MBA	
Introduced Int	OGDEN ID	B03GBA	B03JBA		B03KBA		B03LBA		B03MBA	
ANALYTICAL LEAR BEAY GOAL ANALYTICAL LEAR BEAY GOAL BEAY BEAY GOAL BEAY BEAY CONDOING ANALYTICAL LEAR BEAY THRITCAL LETRANIT ANALYTICAL LETRANIT	Date Sampled	11/10/97	11/10/97		11/10/97		11/10/97		11/10/97	
a.68 J analytical Lab Rev Qual Code a.68 J a.78 J I.40 J a.78 J I.20.00 U 120.00 U I.20.00 U 120.00 U I.20.00 U 120.00 U I.20.00 U I.20.00 U I.20.0	Depth									
a.68 J a.78 J I.40 a.71 J I.20.00 U 120.00 U I.20.00 U I.20.00 U I.20.00 U	Method Analyte	ANALYTICAL LAB REV QU RESULT QUAL QUAL CO	ANALYTICAL	AB REV QUAL	ANALYTICAL	AB REV QUAL	ANALYTICAL LA RESULT QI	AB REV QUAL	ANALYTICAL L RESULT Q	AB REV QUAL
0.68 J 0.78 J 1.40 a.71 J 120.00 U 120.00 U 120.00 U 120.00	8515 (MG/KG)									
1.40 a.71 J 120.00 U 120.00 U 120.00 U 120.00 </td <td>HMX/RDX</td> <td></td> <td>0.68</td> <td><u>, </u></td> <td>0.78</td> <td>7</td> <td>1.00</td> <td>n</td> <td>0.49</td> <td>7</td>	HMX/RDX		0.68	<u>, </u>	0.78	7	1.00	n	0.49	7
1.40 0.71 J 120.00 U 120.00 U 120.00 U 120.00 </td <td>CRRSCT (MG/KG)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	CRRSCT (MG/KG)									
120.00 U 120	TNT/DNT		1.40		0.71	7	0.95	٦	1.60	
120.00 U 120	8330N (UG/KG)									
120.00 U 120	OCTAHYDRO-1,3,5,7-TETRANTI	120.00	120.00	n	120.00	D	120.00	n	120.00	ח
120.00 U 120	HEXAHYDRO-1,3,5-TRINITRO-1	, 120.00	120.00	D	120.00	n	120.00	n	120.00	D
120.00 U 120	1,3,5-TRINITROBENZENE		120.00	n	120.00	n	120.00	n	120.00	ח
120.00 U 120	1,3-DINITROBENZENE		120.00	n	120.00	D	120.00	n	120.00	n
120.00 U 120	TETRYL		120.00	n	120.00	D	120.00	D	120.00	n
120.00 U 120	NITROBENZENE		120.00	Ω	120.00	Ω	120.00	n	120.00	n
120.00 U 120	2,4,6-TRINITROTOLUENE		120.00	n	120.00	n	120.00	D	120.00	ח
120.00 U 120	4-AMINO-2,6-DINITROTOLUENI	120.00	120.00	n	120.00	n	120.00	n	120.00	n
120.00 U 120	2-AMINO-4,6-DINITROTOLUENI	120.00	120.00	n	120.00	n	120.00	D	120.00	n
120.00 U 120	2,6-DINITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	n
120.00 U 120	2,4-DINITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	D
120.00 U 120	PICRIC ACID		120.00	n	120.00	n	120.00	n	120.00	n
120.00 U 120.00 U 120.00 U 120.00 U 120.00 U 120.00 U 250.00 U 120.00 U 1200.00	2-NITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	n
120.00 U 120.00 U 250.00 U 250.00 U 120.00 U 120	4-NITROTOLUENE		120.00	D	120.00	n	120.00	n	120.00	ם
250.00 U 250.00 U 120.00 U 120	3-NITROTOLUENE		120.00	n	120.00	D	120.00	D	120.00	D
120.00 U 120.00 U 5000.00 U C 5000.00 U C 5000.00 U C 5000.00 U C 2500.00 U C cad by mlboyajian	2,6-DIAMINO-4-NITROTOLUENE	250.00	250.00	n	250.00	D	250.00	D	250.00	Ω
5500.00 UJ C 5000.00 UJ C 5500.00 UJ C read by mlboyajian	2,4-DIAMINO-6-NITROTOLUENI	120.00	120.00	n	120.00	D	120.00	D	120.00	n
5500.00 U 2500.00 U read by mlboyajian	PENTAERYTHRITOL TETRANIT	5000.00 UJ	-		5000.00		5000.00		5000.00	
read by mlboyajian	NITROGLYCERIN		2500.00	n	2500.00	D	2500.00	n	2500.00	n
read by mlboyajian										
read by mlboyajian										
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

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Validated MMR Data, Period 1-April-98 to 30-April-98

OCDENID HONNIAA BOAGNA BOAGN	EPA NO	B03NBA		B04GAA	BIODBA	IA	BIOEBA	B12DAA		
11/18/97	OGDEN ID	B03NBA		B04GAA	BIODB	Y.	BI0EBA	B12DAA		
1.00 U 1.	Date Sampled	11/10/97		12/18/97	11/18/9	70	11/18/97	11/13/97		
1.00 U 1.	Depth									
1.00 U 1.	Method Analyte	ANALYTICAL LAB REV RESULT QUAL QUA	QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUA	QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	ANALYTICAL I	LAB REV QUAL QUAL	UAL
1.00 U 1.00 U 1.00 U 6.58 J C 1.00 U	8515 (MG/KG)									
1.00 U 1.	HMX/RDX	1.30						0.58		F >
1.00 U 1.	CRRSCT (MG/KG)									
340.00 NJ H, 1200.00 UJ H 120.00 UJ H 120.	TNT/DNT			1.90				1.00	n	
340.00 1200.00 1200.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.	8330N (UG/KG)									
1200.00	OCTAHYDRO-1,3,5,7-TETRANIT	120.00			-			340.00		H, *8, *9
+_	HEXAHYDRO-1,3,5-TRINITRO-1,	, 120.00						1200.00		6* '8* 'F
+_	1,3,5-TRINITROBENZENE							120.00		-
+	1,3-DINITROBENZENE							120.00	-	-
+	TETRYL							120.00		-
+,	NITROBENZENE							120.00		-
+_	2,4,6-TRINITROTOLUENE							120.00	n	-
+	4-AMINO-2,6-DINITROTOLUENE	120.00						120.00		-
+_	2-AMINO-4,6-DINITROTOLUENE	120.00						130.00		6* 'E
+,	2,6-DINITROTOLUENE							120.00		-
+	2,4-DINITROTOLUENE							120.00		 4
+_	PICRIC ACID				0	_		120.00		-
+,	2-NITROTOLUENE							120.00	n	
+,	4-NITROTOLUENE							120.00	n	
+	3-NITROTOLUENE							120.00	n	
+,	2,6-DIAMINO-4-NITROTOLUENE	250.00			0			250.00	UJ	
+.	2,4-DIAMINO-6-NITROTOLUENE	120.00			0			120.00		
	PENTAERYTHRITOL TETRANIT	2000.00			Q,+			2000.00		
	NITROGLYCERIN							2500.00		
										EES L
	D. MMRIPROGRAMSIGRP G.DB (753 of 753 records) 05	186/20/	7:23.0 read by mlboya	an		1 - 1 - 1		3	

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

EPA NO	B03NBA	B04GAA	B10DBA	B10EBA	B12DAA
OGDEN ID					
Date Sampled					
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV Q RESULT QUAL QUAL C	QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
A330 (UG/KG) OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3-DINITROBENZENE 1,3-DINITROBENZENE TETRYL NITROBENZENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,6-DINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 4-NITROTOLUENE 3-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE					
D:\MMR\PROGRAMS\GRU_G.DB (753 of 753 records) 05/07/98 17:23.0 read by mlboyajian T:\CLEAN\MMR\COC.DB (2039 records) 05/05/98 17:55.3	(753 of 753 records) 05/07/98 ecords) 05/05/98 17:55.3	17:23.0 read by mlboyajian		Ogden Environment	Ogden Environmental and Energy Services

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

Date Sampled 11/1397	N ID ampled	12EAA										
Mainthead	ampled	100		B14ABA		B14BBA		B14CBA		B14DBA		
A	Jepth Aethod	1/13/97		11/11/97		11/11/97		11/11/97		11/11/97		
Column C	Aothod											
(G) 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Analyte	ANALYTICAL LAE RESULT QUA	B REV QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL CODE	ANALYTICAL L RESULT Q	AB REV QUAL	ANALYTICAL	LAB REV QUAL QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	CODE
G9 J C 1.00 U 1.39 J 1.00 L 1.00 U 1.00 U 1.00 U 1.00 U H 1.00 U <t< td=""><td>SIS (MG/KG)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	SIS (MG/KG)											
1.00 U H 1.00 U 1	HMX/RDX	0.78		1.00		1.00	n	1.30		1.00	Ω	
1.00 U H, 48, *9 U 1.00 U H 1.00 U 1.00	TRRSCT (MG/KG)											
H.3.5.7-IETRANIT 180.00 M. H.*N.*9 120.00 UJ H 120.00 P.1.3.5.7-IETRANIT 120.00 UJ H 120.00 UJ H 120.00 P.1.3.5.7-IETRANITRO-1, 120.00 UJ H 120.00 UJ H 120.00 SENZENE 120.00 UJ H 120.00 UJ H 120.00 SNECTURE 120.00 UJ H 120.00 UJ H 120.00 SNECTURE 120.00 UJ H 120.00 UJ H 120.00 SNECTURE 120.00 UJ H 120.00 UJ H 120.00 DINITIROTOLUENE 120.00 UJ H 120.00 UJ H 120.00 SULUENE 120.00 UJ H 120.00 UJ H 120.00 JENE 120.00 UJ H 120.00 </td <td>TNT/DNT</td> <td>1.00</td> <td>n</td> <td>1.00</td> <td></td> <td>1.00</td> <td>D</td> <td>1.00</td> <td>n</td> <td>0.65</td> <td>`</td> <td></td>	TNT/DNT	1.00	n	1.00		1.00	D	1.00	n	0.65	`	
180.00 NJ H,3,9 120.00 UJ H 120.00 120.00 UJ H 120.00 UJ H 120.00	330N (UG/KG)											
5-TRINITRO-1, 120.00 UJ H 120.00 5-NEENE 120.00 UJ H 120.00 5-NEENE 120.00 UJ H 120.00 5-NEENE 120.00 UJ H 120.00 120.00 UJ H 120.00 UJ H 120.00 LULUANE 120.00 UJ H 120.00 UJ H 120.00 LULUANE 120.00 UJ H 120.00 UJ H 120.00 LINOTOLUENE 120.00 UJ H 120.00 UJ H 120.00 JENE 120.00 UJ H 120.00 UJ H 120.00 JENE 120.00 UJ H 120.00 UJ H 120.00 JENE 120.00 UJ H 120.00 UJ H 120.00 JENENE 120.00 UJ H 120.00 UJ H 120.00	OCTAHYDRO-1,3,5,7-TETRANIT	180.00		6*	,			120.00		120.00	n	Η
SINZENE 120.00 UJ H 120.00 SENE 120.00 UJ H 120.00 SENE 120.00 UJ H 120.00 LULINE 120.00 UJ H 120.00 LENE 120.00 UJ H 120.00 JENE 120.00 UJ H 120.0	HEXAHYDRO-1,3,5-TRINITRO-1,	120.00						120.00		120.00	n n	Ξ
ENNE 120.00 UJ H 120.00 120.00 UJ H 120.00 120.00 UJ H 120.00 120.00 UJ H 120.00 ITROTOLUENE 120.00 UJ H 120.00 ITROTOLUENE 120.00 UJ H 120.00 FENE 120.00 UJ H 120.00 FENE 120.00 UJ H 120.00 FENE 120.00 UJ H 120.00 E 120.00 UJ <td>1,3,5-TRINITROBENZENE</td> <td>120.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>120.00</td> <td></td> <td>120.00</td> <td>Ω</td> <td>Η</td>	1,3,5-TRINITROBENZENE	120.00						120.00		120.00	Ω	Η
120.00 UJ H 120.00 LI H 120.00 L	1,3-DINITROBENZENE	120.00						120.00		120.00	m	Η
120.00 UJ H 120.00 U	TETRYL	120.00						120.00		120.00	n	Ξ
LUTURNE 120.00 UJ H 120.00 UJ H 120.00 TIROTOLUENE 120.00 UJ H 120.00 UJ H 120.00 JENE 120.00 UJ H L <td< td=""><td>NITROBENZENE</td><td>120.00</td><td>•</td><td></td><td></td><td></td><td></td><td>120.00</td><td></td><td>120.00</td><td>m</td><td>\blacksquare</td></td<>	NITROBENZENE	120.00	•					120.00		120.00	m	\blacksquare
TTROTOLUENE 120.00 UJ H 120.00 TENE 120.00 UJ H 120.00 JENE 120.00 UJ H 120.00	2,4,6-TRINITROTOLUENE	120.00						120.00		120.00	M	Η
TROTOLUENE 120.00 UJ H	4-AMINO-2,6-DINITROTOLUENE	120.00						120.00		120.00	m	Ξ
JENE 120.00 UJ H 120.00 JENE 120.00 UJ H 120.00 JENE 120.00 UJ H 120.00 E 120.00 UJ H 120.00 CHACTOLUENE 250.00 UJ H 120.00 TROTOLUENE 120.00 UJ H 120.00 OL TETRANIT 5000.00 UJ H 5000.00 A H 5000.00 UJ H 2500.00	2-AMINO-4,6-DINITROTOLUENE	120.00						120.00		120.00	E	Η
JENE 120.00 UJ H 120.00 E 120.00 UJ H 120.00 ITROTOLUENE 250.00 UJ H 120.00 OL TETRANIT 5000.00 UJ H 120.00 OL TETRANIT 2500.00 UJ H 2500.00	2,6-DINITROTOLUENE	120.00						120.00		120.00	n	Ξ
E 120.00 UJ H 2500.00	2,4-DINITROTOLUENE	120.00						120.00		120.00	m	Ξ
E 120.00 UJ H 120.00 E 120.00 UJ H 2500.00 UJ H 2500.00 UJ H 2500.00 UJ H 2500.00	PICRIC ACID	120.00						120.00		120.00	ī	Η
E 120.00 UJ H 2500.00 UJ H 2500.00 UJ H 2500.00	2-NITROTOLUENE	120.00						120.00		120.00	<u>n</u>	Ξ
E 120.00 UJ H 120.00 UJ H 120.00 UJ H 120.00 UJ H 250.00 UJ H 250.	4-NITROTOLUENE	120.00						120.00		120.00	Ω	Ξ
TROTOLUENE 250.00 UJ H 120.00 UJ H 120.00 UJ H 120.00 UJ H 5000.00 UJ H 5000.00 UJ H 5000.00 UJ H 5000.00 UJ H 2500.00 UJ H 2500.00 UJ H 2500.00	3-NITROTOLUENE	120.00						120.00		120.00	m	Ή
TROTOLUENE 120.00 UJ H 120.00	2,6-DIAMINO-4-NITROTOLUENE	250.00						250.00		250.00	m	Ξ
OL TETRANIT 5000.00 UJ H 5000.00 UJ H 5000.00 2500.00 UJ H 2500.00 UJ H 2500.00	2,4-DIAMINO-6-NITROTOLUENE	120.00						120.00		120.00	m	Η
2500.00 UJ H 2500.00 UJ H 2500.00	PENTAERYTHRITOL TETRANIT	2000.00						5000.00	-	5000.00	n	Η
	NITROGLYCERIN	2500.00						2500.00		2500.00	n	\equiv

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

B14BBA B14DBA B14DBA		LAB REV QUAL ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL QUAL QUAL CODE RESULT QUAL QUAL QUAL CODE RESULT QUAL QUAL CODE		
AA BI4ABA		ANALYTICAL LAB REV QUAL ANALYTICAL LAB RESULT QUAL CODE RESULT QUAL		
EPA NO B12EAA	Date Sampled Depth	Method Analyte	OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL NITROBENZENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,6-DINITROTOLUENE 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE 3-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANIT	

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

Company Comp	1711/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031/97 1031	EPA NO	B14EBA	BM6CAA	BM	BM6CAD	BM8AAA	<u>m</u>	BM8BAA		
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Colored Colo	### ### ##############################		11/11/97	10/31/97	10/2	11/97	10/31/97	1(0/31/97		
Column C	4.36 J. C. 0.54 J. C. 1.00 UJ C. 1.80 UJ C. 1.00 UJ C. 1.80 UJ C. 1.90 UJ C. 1.00 UJ C. 1.80 UJ C. 1.90 UJ C. 1.60 UJ C.	Depth									
CONTINUENCIALUENE 120 00 U	1.80 J C 0.34 J C 1.00 UJ C 0.36 J 1.80 J C 1.90 J C 3.40	Method Analyte	ANALYTICAL LAB REV QU RESULT QUAL QUAL CC	ANALYTICAL	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	QUAL	ANALYTICAL LAB RESULT QUAL	REV QU	JAL
CODENIZED 1.00 U 0.35 J C 0.54 J C 1.00 U C 0.36 J PL3.5.7-TETRANT 12.00 U 1.80 U 1.80 I I 1.60 U 3.40 I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I	4.36 J C 0.54 J C 1.00 UJ C 0.36 J 1.80 1.90 1.60 3.40	8515 (MG/KG)									
1.20	7.80	HMX/RDX			C	ſ	m	C			
1.20	1.80 I.60	CRRSCT (MG/KG)									
OBENZENE SENZENE SENZENE SENZENE SENZENE SOTOLUENE DINITROTOLUENE JENE JENE JENE JENE JENE JENE JENE	BADINTECORON COTANTOROL 1, 3, 5-TRINITRO 1, 20 00 U U U U U U U U U	TNU/DNT	1.20	1.80		1.90	1.60	-	3.40		
120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 250.00 250.00	OCTAHYDRO-1,3,5,7-IETRANIT 120 00 U 1,3-5-IRITRO-1,3,5,7-IETRANIT 13,5-IRITROBENZENE 1,20 00 U 1,3-5-IRITROBENZENE 1,20 00 U 1,3-5-IRITROTOLUENE 1,20 00 U 2-AMINO-2,6-DINITROTOLUENE 1,20 00 U 2-ANITROTOLUENE 1,20 00 U 2,4-DINITROTOLUENE 1,20 00 U 3,4-DIAMINO-2-NITROTOLUENE 1,20 00 U 2,4-DIAMINO-2-NITROTOLUENE 1,20 00 U 2,4-DIAMINO-2-NITR	8330N (UG/KG)									
120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 250.00 250.00	HEXAHYDRO-I, 3.5-TRMITRO-I, 120.00 U U U U U U U U U U U U U U U U U U	OCTAHYDRO-1,3,5,7-TETRANIT									
120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 250.00 2500.00	1,3,5-TRIVITROBENZENE 120 00 U	HEXAHYDRO-1,3,5-TRINITRO-1,									
120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 250.00 2500.00	1,3-DINTROBENZENE 120.00 U NTROBENZENE 120.00 U 2,4,6-TRUNTROTOLUENE 120.00 U 4-AMINO-2,6-DINTROTOLUENE 120.00 U 2,4-DINTROTOLUENE 120.00 U 2,4-DINTROTOLUENE 120.00 U PICRIC ACID 120.00 U 2-AINTROTOLUENE 120.00 U 3-AITROTOLUENE 120.00 U 3-AITROTOLUENE 250.00 U 2,4-DIAMINO-4-NITROTOLUENE 250.00 U 2,500.00 U U 2,500.00 U U 2,500.00 U U 2,500.00 U U	1,3,5-TRINITROBENZENE									
120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 250.00 250.00	TETRYL 120.00 U NITROBINZENE 120.00 U CA,4-TRINITROTOLUENE 120.00 U 4-AMINO-4-DINITROTOLUENE 120.00 U 2-AMINO-4-DINITROTOLUENE 120.00 U 2,4-DINITROTOLUENE 120.00 U PICRIC ACID U D 2-AITROTOLUENE 120.00 U 4-NITROTOLUENE 120.00 U 3-NITROTOLUENE 250.00 U 2-ADIAMINO-4-NITROTOLUENE 250.00 U PENTARRYTHRITOL TETRANIT 250.00 U	1,3-DINITROBENZENE							_		
120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 250.00 250.00	NITROBENZENE 2,4,6-TRINITROTOLUENE 120.00 1	TETRYL									
120.00 120.00 120.00 120.00 120.00 120.00 120.00 250.00 2500.00	2,4,6-TRINITROTOLUENE 120.00 U 4-AMINO-2,6-DINITROTOLUENE 120.00 U 2,4-DINITROTOLUENE 120.00 U 2,4-DINITROTOLUENE 120.00 U 2,4-DINITROTOLUENE 120.00 U 2,4-DINITROTOLUENE 120.00 U 4-NITROTOLUENE 120.00 U 3-NITROTOLUENE 250.00 U 2,4-DIAMINO-4-NITROTOLUENE 250.00 U 2,4-DIAMINO-6-NITROTOLUENE 120.00 U 2,4-DIAMINO-6-NITROTOLUENE 250.00 U NITROGLYCENIN 2500.00 U	NITROBENZENE									
120.00 120.00 120.00 120.00 120.00 120.00 250.00 2500.00	4-AMINO-2,6-DINTROTOLUENE 120.00 U 2-AMINO-4,6-DINTROTOLUENE 120.00 U 2,6-DINTROTOLUENE 120.00 U 2,4-DINTROTOLUENE 120.00 U PICRIC ACID U U 4-NITROTOLUENE 120.00 U 3-NITROTOLUENE 250.00 U 2,4-DIAMINO-A-NITROTOLUENE 120.00 U 2,4-DIAMINO-C-NITROTOLUENE 120.00 U 2,4-DIAMINO-C-NITROTOLUENE 120.00 U PENTARYTHRITOL TETRANTI 5000.00 U NITROGLYCERIN 2500.00 U	2,4,6-TRINITROTOLUENE									
120.00 120.00 120.00 120.00 120.00 120.00 250.00 120.00 250.00	2-AMINO-4,6-DINITROTOLUENE 120.00 U 2,6-DINITROTOLUENE 120.00 U 2,4-DINITROTOLUENE 120.00 U PICRIC ACID 120.00 U 2-NITROTOLUENE 120.00 U 3-NITROTOLUENE 250.00 U 2,4-DIAMINO-4-NITROTOLUENE 120.00 U 2,4-DIAMINO-4-NITROTOLUENE 120.00 U PENTRACEVITR 5000.00 U NITROGLYCERIN 2500.00 U	4-AMINO-2,6-DINITROTOLUENE									
120.00 120.00 120.00 120.00 120.00 250.00 2500.00 2500.00	2,6-DINITROTOLUENE 120.00 U 2,4-DINITROTOLUENE 120.00 U PICRIC ACID U D 2-NITROTOLUENE 120.00 U 4-NITROTOLUENE 120.00 U 3-NITROTOLUENE 250.00 U 2,4-DIAMINO-4-NITROTOLUENE 120.00 U 2,4-DIAMINO-6-NITROTOLUENE 120.00 U PENTAERYTHRITOL TETRANIT 5000.00 U NITROGLYCERIN 2500.00 U	2-AMINO-4,6-DINITROTOLUENE									
120.00 120.00 120.00 120.00 250.00 120.00 5000.00	2,4-DINITROTOLUENE 120.00 U PICRIC ACID 120.00 U 2-NITROTOLUENE 120.00 U 4-NITROTOLUENE 250.00 U 2,4-DIAMINO-4-NITROTOLUENE 250.00 U PENTARRYTHRITOL TETRANIT 5000.00 U NITROGLYCERIN 2500.00 U	2,6-DINITROTOLUENE									
120.00 120.00 120.00 120.00 250.00 120.00 5000.00	PICRIC ACID 2-NITROTOLUENE 120.00 4-NITROTOLUENE 120.00 10 2,4-DIAMINO-4-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 2,5-DIAMINO-6-NITROTOLUENE 120.00 10 1120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 10 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00	2,4-DINITROTOLUENE									
120.00 120.00 120.00 250.00 120.00 5000.00 2500.00	2-NITROTOLUENE 120.00 U 4-NITROTOLUENE 120.00 U 3-NITROTOLUENE 250.00 U 2,6-DIAMINO-4-NITROTOLUENE 120.00 U 2,4-DIAMINO-6-NITROTOLUENE 120.00 U PENTAERYTHRITOL TETRANIT 5000.00 U NITROGLYCERIN 2500.00 U	PICRIC ACID									
120.00 120.00 250.00 120.00 5000.00 2500.00	4-NITROTOLUENE 120.00 U 3-NITROTOLUENE 120.00 U 2,6-DIAMINO-4-NITROTOLUENE 120.00 U 2,4-DIAMINO-6-NITROTOLUENE 120.00 U PENTAERYTHRITOL TETRANIT 5000.00 U NITROGLYCERIN 2500.00 U	2-NITROTOLUENE									
120.00 250.00 120.00 5000.00 2500.00	3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE 120.00 U 2,4-DIAMINO-6-NITROTOLUENE 120.00 U PENTAERYTHRITOL TETRANIT 5000.00 U NITROGLYCERIN	4-NITROTOLUENE									
250.00 120.00 5000.00 2500.00	2,6-DIAMINO-4-NITROTOLUENE 250.00 U 2,4-DIAMINO-6-NITROTOLUENE 120.00 U PENTAERYTHRITOL TETRANIT 5000.00 U NITROGLYCERIN 2500.00 U	3-NITROTOLUENE									
120.00 5000.00 2500.00	2,4-DIAMINO-6-NITROTOLUENE 120.00 U PENTAERYTHRITOL TETRANIT 5000.00 U NITROGLYCERIN 2500.00 U	2,6-DIAMINO-4-NITROTOLUENE									
2500.00	PENTAERYTHRITOL TETRANIT 5000.000 U NITROGLYCERIN 2500.000 U	2,4-DIAMINO-6-NITROTOLUENE									
2500.00	NITROGLYCERIN 2500.00 U	PENTAERYTHRITOL TETRANIT									
		NITROGLYCERIN									

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Ogden Environmental and Energy Services

OEES Technical Information Systems RGEM Ver. 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

EPA NO BI	B14EBA	BM6CAA		BM6CAD		BM8AAA		BM8BAA		
OGDEN ID		BM6CAA	l	BM6CAD	1	BM8AAA		BM8BAA		
Date Sampled		10/31/97		10/31/97		10/31/97		10/31/97		
Depth				,				,		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	REV QUAL QUAL CODE	ANALYTICAL LAE RESULT QUA	LAB REV QUAL QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	AB REV	QUAL
8330 (UG/KG)										
OCTAHYDRO-1,3,5,7-TETRANIT		120.00	n	120.00	D	120.00	n	120.00	D	
HEXAHYDRO-1,3,5-TRINITRO-1,		120.00	n	120.00	D	120.00	n	120.00	ם	
1,3,5-TRINITROBENZENE		120.00	n	120.00	n	120.00	n	120.00	n	
1,3-DINITROBENZENE		120.00	D	120.00	D	120.00	n	120.00	ח	
TETRYL		120.00	_ n	120.00	n	120.00	n	120.00	D	- 15
NITROBENZENE		120.00	n	120.00	n	120.00	U	120.00	D	
2,4,6-TRINITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	D	
4-AMINO-2,6-DINITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	D	
2-AMINO-4,6-DINITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	D	
2,6-DINITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	D	
2,4-DINITROTOLUENE		120.00	_ n	120.00	D	120.00	n	120.00	D	
PICRIC ACID		120.00	n	120.00	D	120.00	D	120.00	D	
2-NITROTOLUENE		120.00	n	120.00	D	120.00	n	120.00	n	
4-NITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	n	
3-NITROTOLUENE		120.00	n	120.00	n	120.00	n	120.00	D	
2,6-DIAMINO-4-NITROTOLUENE	-	250.00	n	250.00	n	250.00	n	250.00	D	
2,4-DIAMINO-6-NITROTOLUENE		120.00	UJ C	120.00	UJ C	120.00	U C	120.00	TO.	C
PENTAERYTHRITOL TETRANIT		2000.00	UJ C	2000.00	UJ C	2000.00	m c	5000.00	E	ပ
										л Зуметь RGE?
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Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	BM8CAA	BM8CAD	6	6		6	
OGDEN ID	BM8CAA	BM8CAD					
Date Sampled	10/31/97	10/31/97					
Depth							
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV Q RESULT QUAL QUAL C	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ODE
8515 (MG/KG)							
HMX/RDX	1.00 UJ C	1.00 UJ	<u></u>				
CRRSCT (MG/KG)							
TNONT	2.70	2.80					
8330N (UG/KG)							
OCTAHYDRO-1,3,5,7-TETRANIT							
HEXAHYDRO-1,3,5-TRINITRO-1							
1,3,5-TRINITROBENZENE							
1,3-DINITROBENZENE							
TETRYL							
NITROBENZENE							
2,4,6-TRINITROTOLUENE							
4-AMINO-2,6-DINITROTOLUENE							
2-AMINO-4,6-DINITROTOLUENE	. (11)						
2,6-DINITROTOLUENE							
2,4-DINITROTOLUENE							
PICRIC ACID							
2-NITROTOLUENE							
4-NITROTOLUENE							
3-NITROTOLUENE							
2,6-DIAMINO-4-NITROTOLUENE	- [1]						
2,4-DIAMINO-6-NITROTOLUENE							
PENTAERYTHRITOL TETRANIT							
NITROGLYCERIN							
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Ogden Environmental and Energy Services

OEES Technical Information Systems RGEM Ver 2q

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP G: Soil Data for Methods 8330, 8515, and CRRSCT

Date Sampled 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997 1031997	EPA NO	BM8CAA		BM8CAD		6		6			6		
### Processor 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 10011097 100110		BM8CAA		3M8CAD									
CRACOL ANALTHOLIANE RESENTATION LINE CARROLLIANE ANALTHOLIANE CORROLLIANE ANALTHOLIANE CORROLLIANE ANALTHOLIANE CORROLLIANE ANALTHOLIANE	Date Sampled	10/31/97		0/31/97	1								
CARON ANALTING, LONG RESULT COND. ANALTING, LONG COND. CON	Depth												
Col. 1.5.7-TETRANITY 120 00 U 120 00	Method Analyte	ANALYTICAL LAB REV CONTROL OUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL Q	CODE	ANALYTICAL L	AB REV QUAL	ANALYTICAL	LAB REV QUAL QUAL	QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL CODE	ANALYTICAL	LAB	QUAL
120.00 U	8330 (UG/KG)												
120.00 U	OCTAHYDRO-1,3,5,7-TETRANIT	120.00		120.00	n								
120.00 U	HEXAHYDRO-1,3,5-TRINITRO-1,			120.00	D								
120.00 U U 120.00 U 1	1,3,5-TRINITROBENZENE			120.00	ח								
120.00 U U 120.00 U 1	1,3-DINITROBENZENE			120.00	n								
120.00 U	TETRYL			120.00	ם								
120.00 U C 250.00 U	NITROBENZENE			120.00	n								
120.00 U U 120.00 U C C 120.0	2,4,6-TRINITROTOLUENE			120.00	Ω								
120.00 U	4-AMINO-2,6-DINITROTOLUENE	120.00		120.00	n								
120.00 U U C C C C C C C C C C C C C C C C C	2-AMINO-4,6-DINITROTOLUENE	120.00		120.00	n								
120.00 U U	2,6-DINITROTOLUENE			120.00	n								
120.00 U U C C C C C C C C C C C C C C C C C	2,4-DINITROTOLUENE			120.00	n								
120.00 U	PICRIC ACID			120.00	ח								
120.00 U	2-NITROTOLUENE			120.00	Ω								
120.00 U C	4-NITROTOLUENE			120.00	ח								
250.00 UJ C 120.00 UJ C 000.00 UJ C Cad by mlboyajian Ogden Environmental and Energy Services	3-NITROTOLUENE			120.00	D								
120.00 UJ C 000.00 UJ C read by mlboyajian Ogden Environmental and Energy Services	2,6-DIAMINO-4-NITROTOLUENE	250.00		250.00	D								
000.00 UJ C read by mlboyajian Ogden Environmental and Energy Services	2,4-DIAMINO-6-NITROTOLUENE	120.00 UJ	C	120.00									
read by mlboyajian Ogden Environmental and Energy Services	PENTAER YTHRITOL TETRANIT	. 5000.00 UJ	C	2000.00									
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

OGDEN ID W02DDA Date Sampled 11/19/97 Depth ANALYTICAL LAB REV QUAL CODE Analyte Analyte 22.00 130.2 (MG/L) 9.10 HARDNESS (AS CACO3) 22.00 300.0 (MG/L) 9.10 CHLORIDE (AS CL) 9.10 SULFATE (AS SO4) 13.90 SULFATE (AS SO4) 13.90 ALKALINITY, BICARBONATE (AS CACO ALKALINITY, TOTAL (AS CACO ALKALINITY) 40.00	W02DDL 11/19/97 QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE 22.00 40.00 U		M04SSA 11/4/97 ANALYTICAL LAB REV QUAL RESULT 10.00 11.50 4.50 0.00 U 5.00 U	REV QUAL LQUAL CODE U	W07DDA 10/31/97 ANALYTICAL LAB REV QUAL CODE 6.20 6.20 12.00 U 12.00 U	B REV QUAL OUAL CODE U	W07SSA 10/31/97 ANALYTICAL LAB REV QUAL RESULT QUAL CODE 8.00 7.00 5.10 6.00 U 0.00 U	LI QUAL CODE U U U U
ampled d d MGLI DNESS (AS CACO3) MGLI ORIDE (AS CL) FATE (AS SO4) MGLI ALINITY, BICARBONATE (AS ALINITY, TOTAL (AS CACO DINESS (AS CACO)) ALINITY, TOTAL (AS CACO DINESS (AS CACO)) ALINITY, TOTAL (AS CACO) MGLI AL ORGANIC CARBON			11/4/97 ANALYTICAL LAB RESULT QUA 10.00 5.00 0.00 0.00 5.00 5.00	REV QUAL CODE UNITED TO THE CODE OF THE CO	10/31/97 ANALYTICAL LA RESULT QU 6.20 3.40 12.00 0.00 0.00	AL QUAL CODE U U	10/31/97 ANALYTICAL LAB RESULT QUA 8.00 7.00 5.10 6.00 0.00	I REV QUAL CODE U QUAL CODE U QUAL U
S (AS CACO3) (AS CL) AS SO4) IY, BICARBONATE (IY, CARBONATE (AS IY, HYDROXIDE (AS IY, TOTAL (AS CACO 5A) S (AS CACO3) GANIC CARBON		REV QUAL CODE	10.00 11.50 4.50 0.00 0.00 5.00 5.00	REV QUAL CODE UNITED TO THE CODE UNITED TO THE CODE U	6.20 6.20 3.40 0.00 0.00	B REV QUAL CODE AL QUAL CODE U	8.00 8.00 5.10 0.00	L PREV QUAL CODE
S (AS CACO3) (AS CL) AS SO4) IY, BICARBONATE (IY, CARBONATE (AS IY, TOTAL (AS CACO 3A) S (AS CACO3) GANIC CARBON		LQUAL CODE	10.00 11.50 4.50 0.00 0.00 5.00	REV QUAL QUAL CODE U	6.20 6.20 3.40 12.00 0.00 12.00	AL QUAL CODE OUT	8.00 8.00 7.00 5.10 6.00	LI QUAL CODE U QUAL U QUAL U
22.00 9.10 13.90 13.90 13.90 ATE (AS 1.00 DE (AS 1.00 S CACO 41.00 A0.00	40.00	n	10.00 11.50 4.50 0.00 0.00 5.00	חח	6.20 3.40 12.00 0.00 0.00	ממ	8.00 7.00 5.10 6.00 0.00	n
(AS CL) AS SO4) 13.90 13.90 141.00 17, BICARBONATE (AS 1.00 17, TOTAL (AS CACO 41.00	40.00	n	11.50 4.50 5.00 0.00 5.00	ממ	6.20 3.40 12.00 0.00 12.00	ממ	5.00 5.10 6.00 0.00	n
AS SO4 13.90 13.90	40.00	n	11.50 4.50 5.00 0.00 5.00	חח	6.20 3.40 12.00 0.00 12.00	ממ	5.10 6.00 0.00	n
AS SO4) IY, BICARBONATE (40.00	n	5.00 0.00 5.00 0.00	חח	3.40 12.00 0.00 0.00 12.00	חח	5.10 6.00 0.00	חח
IY, BICARBONATE (41.00 IY, CARBONATE (AS) 1.00 IY, HYDROXIDE (AS) 1.00 IY, TOTAL (AS CACO) 41.00 IALDO 40.00 GANIC CARBON 0.70	40.00	n	5.00 0.00 0.00 5.00	n	12.00 0.00 0.00 12.00	n	6.00 0.00	ממ
TY, BICARBONATE (AST.00 TY, CARBONATE (AST.00 TY, HYDROXIDE (AST.00 TY, TOTAL (AS CACO 41.00 S (AS CACO3) GANIC CARBON 0.70	40.00	n	5.00 0.00 5.00	חח	0.00	ממ	0.00	n
TY, CAKBONATE (AS) TY, HYDROXIDE (AS) TY, TOTAL (AS CACO) S(AS CACO3) GANIC CARBON 6.70	40.00	Ŋ	0.00 0.00 3.00	ם ם	0.00	o D	00.0	חם
TY, HTDROAIDE (AS) TY, TOTAL (AS CACO TY, TOTAL (AS CACO GAL) S (AS CACO3) GANIC CARBON 6.70	40.00	ם	5.00)	12.00	D		<u> </u>
5 (AS CACO3) 40.00 (GANIC CARBON 0.70	40.00	D	2.00		12.00		9 9	
S (AS CACO3) 40.00 GANIC CARBON 0.70	40.00	ם					0.00	_
S (AS CACO3) 40.00 (GANIC CARBON 0.70	40.00)	0				0	
GANIC CARBON 0.70			40.00				40.00	
0.70								
	F.		0.60	JF	0.70	JF	06.0	JF
				-				
TOTAL TOTAL COLOR AT THE COLOR OF THE CASE	100/100					-		_

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

N ID ampled d d	Mozer	AGG	Idde		The same of the sa
ampled d	WUISSL	W1/DDA	WI/DDL	W17SDL	W17SSA
Depth Method Analyte	10/31/97	11/11/97	11/11/97	11/10/97	11/10/97
Analyte					
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AN ANALYTICAL LAB REV QUAL DDE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
130.2 (MG/L) HARDNESS (AS CACO3)	8.00	41.00	42.00 J E	19.00 J E	20.00
SOU. O. (MG/L) CHLORIDE (AS CL)		9.50			10.80
SULFATE (AS SO4)		15.20			4.50
310.1 (MG/L)		90			00 00
ALKALINITY, CARBONATE (AS		1.00			1.00 U
ALKALINITY, HYDROXIDE (AS					
ALKALINITY, TOTAL (AS CACO		44.00			20.00
IM40HD (MG/L) HARDNESS (AS CACO3)	40.00 U	40.00 U	40.00 U	40.00 U	40.00 U
TOC (MG/L)					
TOTAL ORGANIC CARBON		0.70 J F			0.50 J F
D:\MMR\PROGRAMS\\GRP_H.DB\((203\) of 203\) records\) 05\\\07798\] 17:23.1	203 of 203 records) 05/07/98	17:23.1 read by mlboyajian		Ogden Environment	Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

			WI/SSL		1 177 177 11		W 2 SIVILL		10111		
OGDENID	W17SSD		W17SSL		W23M2A		W23M2L		W23M3A		1
pe	11/10/97		11/10/97		11/11/97		11/11/97		11/13/97		
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL CODE	ANALYTICAL	LAB REV QUAL QUAL	QUAL
130.2 (MG/L) HARDNESS (AS CACO3)	20.00		21.00	J	10.00		10.00	J E	8.00	5	F
CHLORIDE (AS CL)	10.80				8.40				8.20		
SULFATE (AS SO4) 310.1 (MG/L)	4.70				5.90				6.20		
ALKALINITY, BICARBONATE (20.00				2.00				4.00		
ALKALINITY, CARBONATE (AS	00.1	םם			1.00	n I			1.00	ם ב	
ALKALINITY, TOTAL (AS CACO	20.00				5.00	<u> </u>			4.00		
IM40HD (MGA.) HARDNESS (AS CACO3)	40.00	Ď	40.00	n	40.00	þ	40.00	n	40.00	n	
TOC (MG/L) TOTAL ORGANIC CARBON	0.50	J F			1.00	J F			09.00	5	II.
D:WMMR/PROGRAMS\GRP_II.D\B (203 of 203 records) 05/07/98 17.23.1 read by mlboyajian	203 of 203 record	s) 05/07/98 I	7.23.1 read by m	Iboyajian			Orden E.	_			

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

EPA NO	W23M3D		W23M3L			W23MIDL		W28SSA		W28SSL			
OGDEN ID	W23M3D		W23M3L			W23MDL		W28SSA		W28SSL			
Date Sampled	11/13/97		11/13/97			11/13/97		11/3/97		11/3/97			
Depth													
Method Analyte	ANALYTICAL I	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB RE	EV QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAI	LAB REV QUAL QUAL QUAL QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	EV QUAL	-J m
130.2 (MG/L) HARDNESS (AS CACO3)	2.00	Ŋ	8.00		Ŀ	8.00	J	0.00			11.00		
SULO (MG/L) CHLORIDE (AS CL) SULFATE (AS SO4)	8.20							6.20					
310.1 (MG/L) ALKALINITY, BICARBONATE (2.00							4.00	J				
ALKALINITY, CARBONATE (AS		D						0.00					
ALKALINITY, HYDROXIDE (AS ALKALINITY, TOTAL (AS CACO	2.00	-						4.00	7				
IM40HD (MG/L) HARDNESS (AS CACO3)	40.00	ם	40.00	D	-	40.00	n	40.00	n	4	40.00 U		
TOTAL ORGANIC CARBON	0.70	J						0.60	J F				
													GEN Ver 24
													8 amatav2 nodemro
													OEES Technical Inf
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

March Marc	ampled 1173 ampled 1173 d 4 MGAL) DNESS (AS CACO3) MGAL) ORIDE (AS CL) FATE (AS SO4) MGAL) ALINITY, BICARBONATE (AS ALINITY, CARBONATE (AS ALINITY)	QUAL QUAL CODE	W29SSL 11/3/97		W30SSA	W30SSL	W9701A	
113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097 1113.097	ampled d d MGAL DNESS (AS CACO3) MGAL ORIDE (AS CL) FATE (AS SO4) MGAL ALINITY, BICARBONATE (AS ALINITY, CARBONATE (AS SOS)	LAB REV QUAL CODE	11/3/97					
MGCB MANUTTO-LIAN PRV GOAL MANUTTO-LIAN PRV MANUTTO-LIAN MANUTTO-LIAN PRV MANUTTO-LIAN	d d MG/L) DNESS (AS CACO3) MG/L) ORIDE (AS CL) FATE (AS SO4) MG/L) ALINITY, BICARBONATE (AS ALINITY, CARBONATE (AS	LAB REV QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL			11/20/97	11/20/97	11/19/97	
ASS CACO3 IA.00	S (AS CACO3) (AS CL) AS SO4) I'Y, BICARBONATE (QUAL QUAL CODE						
(AS CACO3) (AS CA	S (AS CACO3) (AS CL) AS SO4) (Y, BICARBONATE (AS		ANALYTICAL LAB RESULT QUAL	REV QUAL QUAL CODE	ANALYTCAL LAB REV QI RESULT QUAL QUAL C			UAL
(AS CL.) (AS CA.) (AS CA	S (AS CACO3) (AS CL) AS SO4) (Y, BICARBONATE (AS							
AS SO4) AS SO4) AS SO4) AS SO4) AS SO4) AS SO5 AS S	(AS CL) AS SO4) CY, BICARBONATE (TY, CARBONATE (AS		10.00		14.00	13.00	15.00	
AS SO4) AS SO5 AS CACO3) AS SO5 AS SO	AS SO4) TY, BICARBONATE (TY, CARBONATE (AS						•	
TY, BICARBONATE (, 7.00 T) TY, CARBONATE (AS CACO) TY, CARBONATE (AS CACO) TY, TOTAL (AS CACO) TY, TOTAL (AS CACO) TOTAL	ry, BICARBONATE (00.00		8.40	
BICARBONATE (
CARBONATE (AS 0.00 U U 1.00 U	_				00.9		8.00	
HYDROXIDE (AS CACO 7.00 U 6.00		n						
TOTAL (AS CACO 7.00 U 40.00 U		n						
LS CACO3) 40.00 U 40.0					00.9		8.00	
S(AS CACO3) 40.00 U 40	140HD (MG/L)							
GANIC CARBON 2.50 J F 0.70 J F 0.70 J F		n	40.00	n				
2.50 J F 0.70 J F 0.70 J F	OC (MGL)							
		5			5		`	L

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Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

EPA NO	W9701D	W9/01L	W9/02A	W9/02L	W50/6W
OGDEN ID	W970ID	W97011,	W9702A	W9702L	W9705A
Date Sampled	11/19/97	11/19/97	11/20/97	11/20/97	11/20/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL DE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
130.2 (MG/L) HARDNESS (AS CACO3)	8.00	11.00	10.00	10.00	11.00
CHLORIDE (AS CL) SULFATE (AS SO4)	8.40		7.20		6.90
310.1 (MG/L) ALKALINITY, BICARBONATE (8.00		7.00		0.00
ALKALINITY, CARBONATE (AS			1.00 U		U.00 U
ALKALINITY, TOTAL (AS CACO	8.00				
IM40HD (MG/L) HARDNESS (AS CACO3)	40.00 U	40.00 U	40.00 U	U 40.00	40.00 U
TOC (MGA.) TOTAL ORGANIC CARBON	U 0.50		0.50		0.50
D:\MMR\PROGRAMS\GRP_H.DB (203 of 203 records) 05/07/98 17.23.1 read by mlboyajian	(203 of 203 records) 05/07/5	98 17:23.1 read by mlboyajian			Octon Envisormental and Energy Convices

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

EPA NO	W9705L	W971DL	WL12DL	WL12XA	WL12XD
OGDEN ID	W9705L	W971DL	WL12DL	WL12XA	WL12XD
Date Sampled	11/20/97	11/19/97	11/12/97	11/12/97	11/12/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
130.2 (MG/L) HARDNESS (AS CACO3) 300.0 (MG/L) CHLORIDE (AS CL)	00.6	15.00	14.00	14.00	11.00
SULFATE (AS SO4) 310.1 (MG/L) ALKALINITY, BICARBONATE (
ALKALINITY, HYDROXIDE (AS ALKALINITY, TOTAL (AS CACO				D 00:1	1.00 U
IM40HD (MG/L) HARDNESS (AS CACO3)	40.00 U	40.00 U	40.00 U	193.00	00.00 U
TOTAL ORGANIC CARBON				0.50 J F	0.50 J F
D:WMMR\PROGRAMS\GRP_H.DB (203 of 203 records) 05/07/98 17:23.1 read by mlboyajian	203 of 203 records) 05/07/98	17.23.1 read by mlboyajian		Ogden Environmen	Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

	WI 12VI											
	WLIZAL											
ampled	11/12/97											
Depth						-						
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	RESULT	L LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL CODE	-	ANALYTICAL	LAB REV QUAL QUAL QUAL CODE	OUAL	ANALYTICAL	QUAL QUAL	QUAL
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Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	B01ABA			BOIABARE		B01BBA		BOIBBARE	RE		BOICBA		
OGDEN ID	B01ABA			BOLABA		B01BBA		BOIBBA			BOICBA		
Date Sampled	11/18/97					11/18/97					11/18/97		
Depth				i				ć					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV	QUAL	ANALYTICAL LAB RESULT QUAL	REV QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	AL QUAL CODE		AL LAB QUAL	REV QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAL	LAB REV QUAL QUAL	QUAL
OM31P (UGKG)													
ALPHA BHC (ALPHA HEXACHL	12.00	~	D	2.40	UJ H	12.00	R D		2.40	UJ H	11.00	~	Ω
BETA BHC (BETA HEXACHLOR	12.00	~	О	2.40	UJ H	12.00	R D		2.40	UJ H	11.00	~	Q
DELTA BHC (DELTA HEXACHL	12.00	2	Ω	2.40	UJ H	12.00	RD		2.40	UI H	11.00	~	Q
GAMMA BHC (LINDANE)	12.00	×	Q	2.40	UJ H	12.00	R D		2.40	UJ H	11.00	2	Ω
HEPTACHLOR	12.00	~	Q	2.40	UJ H	12.00	RD		2.40	UJ H	11.00	~	Q
ALDRIN	12.00	×	Q	2.40	UJ H	12.00	R D		2.40	UJ H	11.00	~	Q
HEPTACHLOR EPOXIDE	12.00	~	D	2.40	UJ H	12.00	R D		2.40	UJ H	11.00	~	Q
ALPHA ENDOSULFAN	12.00	~	О	2.40	UJ H	12.00	R D		2.40	UJ H	11.00	2	Ω
DIELDRIN	24.00	~	D	4.70	UJ H	24.00	R D		4.70	UJ H	22.00	×	Q
DDE (1,1-BIS(CHLOROPHENYL)	24.00	~	D	4.70	UJ H	24.00	R D		4.70	UJ H	22.00	~	0
ENDRIN	24.00	~	Ω	4.70	UJ H	24.00	RD	_	4.70	UJ H	22.00	~	D
BETA ENDOSULFAN	24.00	~	Д	4.70	UJ H	24.00	RD		4.70	UJ H	22.00	×	Q
DDD (1,1-BIS(CHLOROPHENYL)	24.00	×	Д	4.70	UJ C,H	24.00	R D		4.70	UJ H	22.00	~	Q
ENDOSULFAN SULFATE	24.00	~	D	4.70	UJ H	24.00	R D		4.70	UJ H	22.00	~	Д
DDT (1,1-BIS(CHLOROPHENYL)	24.00	×	Q	4.70	UJ H	24.00	R D		4.70	UJ H	22.00	~	Ω
METHOXYCHLOR	120.00	×	Ω	24.00	UJ H	120.00	RD	2	24.00	UJ H	110.00	~	Ω
ENDRIN KETONE	24.00	×	О	4.70	UJ H	24.00	RD		4.70	UJ H	22.00	×	Q
ENDRIN ALDEHYDE	24.00	×	D	4.70	UJ H	24.00	RD		4.70	UJ H	22.00	~	D
ALPHA-CHLORDANE	12.00	×	D	2.40	UJ H	12.00	RD		2.40	UJ H	11.00	R	Ω
GAMMA-CHLORDANE	12.00	×	D	2.40	UJ H	12.00	R D		2.40	UJ H	11.00	~	D
TOXAPHENE	1200.00	×	Д	240.00	UJ H	1200.00	RD	24	240.00	UJ H	1100.00	~	Q
PCB-1016 (AROCHLOR 1016)	240.00	×	О	47.00	UJ H	240.00	R D	7	47.00	UJ H	220.00	~	Q
PCB-1221 (AROCHLOR 1221)	480.00	~	D	00'96	UJ H	480.00	R D	5	00.96	UJ H	450.00	~	Ω
PCB-1232 (AROCHLOR 1232)	240.00	~	D	47.00	UJ H	240.00	R D	4	47.00	UJ H	220.00	~	Ω
PCB-1242 (AROCHLOR 1242)	240.00	×	D	47.00	UJ H	240.00	R D	7	47.00	UI H	220.00	~	Ω
								-					

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP I: Soil Data for Methods 8151 and OM31P

FORTH FORT	BOLABA B		
11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97	11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97 11/18/97	B01BBA	B01CBA
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ROCHLOR 1254) 240.00 R D 47.00 UJ H 240.00 R D 47.00 UJ H 220.00 R P ROCHLOR 1260) R D 47.00 UJ H 220.00 R P ROCHLOR 1260) R D 47.00 UJ H 240.00 UJ H 220.00 R R D 47.00 UJ H 220.00 UJ H 220.00 R R D 47.00 UJ H 220.00 UJ H	ROCHLOR 1254) 240.00 R D 47.00 UJ H 240.00 R ROCHLOR 1260) 240.00 R D 47.00 UJ H 240.00 R ROCHLOR 1260) 240.00 R D 47.00 UJ H 240.00 R ROPHENOXYAC 5-TP) CHLOROPHENOXYAC 6-THOROPHENOXYAC 7-5-TP) CHLOROPHENOL 8-THOROPHENOX AC 7-5-TP) CHLOROPHENOX AC	n	×
ROCHLOR 1260) 240.00 R D 4700 UJ H 240.00 R D 4700 UJ H 220.00 R D	ROPHENOL ROBENZOIC ACID 3240.00 R D 47.00 UJ H 240.00 R CAPONOPHENOXYAC 5-TP) CHLOROPHENOL ROBENZOIC ACID 3EN 3EN 3EN	m	~
ON SON SON SON SON SON SON SON SON SON S	ON BA BA BA CHLOROPHENOXYAC (2,4,5-TP) (TRICHLOROPHENOX YA EB CHLOROPHENOL AMM HLOROBENZOIC ACID AMMBEN JORFEN JORFEN	m	2
ROPROP ROPROP ROPROP ACHLOROPHENOXYAC (2.4.5-TP) TRICHLOROPHENOL CHLOROPHENOL AMM ALLOROBENZOIC ACID AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMMEN AMME	DROPROP DROPHENOXYAC (2,4,5-TP) (TRICHLOROPHENOXYA EB CHLOROPHENOL AAM HJOROBENZOIC ACID AMÜBEN ZON JORFEN		
OROPROP DICHLOROPHENOXYAC (2.4.5-TP) EB CHLOROPHENOL AAM AAMBEN ZON JORFEN	OROPROP OROPHENOXYAC A (2,4,5-TP) CHICHLOROPHENOXYA EB ALOROPHENOL SAM AHLOROBENZOIC ACID AAMBEN AZON JORFEN		
OROPROP DICHLOROPHENOXYAC K (2.4.5.TP) (TRICHLOROPHENOXYA EB CHLOROPHENOL. RAM SHLOROBENZOIC ACID AMMBEN VON UOREEN	OROPROP DICHLOROPHENOXYAC X (2,4,5-TP) (TRICHLOROPHENOXYA EB CHLOROPHENOL RAM SHLOROBENZOIC ACID AAMBEN VZON UORFEN		
OROPROP OROPHENOXYAC ORAS-TP) (TRICHLOROPHENOXYA EB CHLOROPHENOL AAM AMBEN AAMBEN AAMB	OROPROP DICHLOROPHENOXYA (72,4,5-TP) (TRICILLOROPHENOXYA EB CHLOROPHENOL SAM SHLOROBENZOIC ACID CAMBEN CON SON		
DICHLOROPHENOXYAC (CL.4.5-TP) (TRICILLOROPHENOXYA EB CHLOROPHENOL AMM FLOROBENZOIC ACID AMMSEN ZON JORFEN	DICHLOROPHENOXYAC (C.4,5-TP) (TRICHLOROPHENOXYA EB CHLOROPHENOL SAM SHLOROBENZOIC ACID CAMBEN CON JORFEN		
CHLOROPHENOXYA EB CHLOROPHENOL AM ALOROBENZOIC ACID ZON JORFEN	(TRICHLOROPHENOXYA (TRICHLOROPHENOXYA EB CHLOROPHENOL SAM HLOROBENZOIC ACID SAMBEN ZON JORFEN		
EB CHLOROPHENOL AAM HLOROBENZOIC ACID AMBEN ZON JORFEN	CHLOROPHENOXYA EB CHLOROPHENOL NAM HUOROBENZOIC ACID AMBEN ZON JORFEN		
CHLOROPHENOL. VAM HLOROBENZOIC ACID AMMBEN ZON JORFEN	CHLOROPHENOL SAM HLOROBENZOIC ACID AAMBEN ZON JORFEN		
CHLOROPHENOL AMM HLOROBENZOIC ACID AMBEN ZON JORFEN	CHLOROPHENOL NAM HLOROBENZOIC ACID AMBEN ZON JORFEN		
HUOROBENZOIC ACID AMBEN ZON JORFEN	HLOROBENZOIC ACID AAMBEN ZON JORFEN		
AAMBEN ZON JORFEN	AMBEN ZON JORFEN		
VZON VZON ORFEN	CORFEN		
CORFEN	UORFEN		

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Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	BOICBARE	B01EBA	BOIEBARE	B01GBA	B01GBARE
OGDEN ID	B01CBA	B01EBA	BOIEBA	B01GBA	B01GBA
Date Sampled		11/18/97		11/19/97	
Depth	ò		i		è
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31P (UG/KG)					
ALPHA BHC (ALPHA HEXACHL	2.30 UJ H	12.00 R D	2.40 UJ II	10.00 R D	2.00 UJ H
BETA BHC (BETA HEXACHLOR	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
DELTA BHC (DELTA HEXACHL	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
GAMMA BHC (LINDANE)	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
HEPTACHLOR	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
ALDRIN	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
HEPTACHLOR EPOXIDE	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
ALPHA ENDOSULFAN	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
DIELDRIN	4.40 UJ H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
DDE (1,1-BIS(CHI,OROPHENYL)	4.40 UJ C,H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
ENDRIN	4.40 UJ H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
BETA ENDOSULFAN	4.40 UJ H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
DDD (1,1-BIS(CHLOROPHENYL)	4.40 UJ H	24.00 R D	4.70 UJ C,H	20.00 R D	3.90 UJ C,H
ENDOSULFAN SULFATE	4.40 UJ H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
DDT (1,1-BIS(CHLOROPHENYL)	4.40 UJ H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
METHOXYCHLOR	23.00 UJ H	120.00 R D	24.00 UJ H	100.00 R D	. 20.00 UJ H
ENDRIN KETONE	4.40 UJ H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
ENDRIN ALDEHYDE	4.40 UJ H	24.00 R D	4.70 UJ H	20.00 R D	3.90 UJ H
ALPHA-CHLORDANE	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
GAMMA-CHI, ORDANE	2.30 UJ H	12.00 R D	2.40 UJ H	10.00 R D	2.00 UJ H
TOXAPHENE	230.00 UJ H	1200.00 R D	240.00 UJ H	1000.00 R D	200.00 UJ H
PCB-1016 (AROCHLOR 1016)	44.00 UJ H	240.00 R D	47.00 UJ H	200.00 R D	39.00 UJ H
PCB-1221 (AROCHLOR 1221)	90.00 UJ H	480.00 R D	H IU 00.99	400.00 R D	80.00 UJ H
PCB-1232 (AROCHLOR 1232)	44.00 UJ H	240.00 R D	47.00 UJ H	200.00 R D	39.00 UJ H
PCB-1242 (AROCHLOR 1242)	44.00 UJ H	240.00 R D	47.00 UJ H	200.00 R D	39.00 UJ H

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Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver 2q

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP I: Soil Data for Methods 8151 and OM31P

				JAL DE					b ₂ 19,	ES Technical Information Systems RGEN V
				EV QUAL		II H	II H	IJ H		
				LAB REV QUAL QUAL		m	n	5		
BOIGBARE	BOIGBA		b	ANALYTICAL LA RESULT QU		39.00	39.00	39.00		
				QUAL		D	D	Q		
				LAB REV QUAL QUAL QUAL CODE		×	K	R		
BOIGBA	BOIGBA	11/19/97		ANALYTICAL LA RESULT QU		200.00	200.00	200.00		
				QUAL		Ξ	H	H		
				AB REV		n	E	m		
BOIEBARE	BOIEBA		i	ANALYTICAL LAB REV QUAL RESULT QUAL CODE		47.00	47.00	47.00		
				QUAL		О	0	D		
	1			B REV		×	~	×		
BOIEBA	BOIEBA	11/18/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		240.00	240.00	180.00		
				QUAL		H	H	H		
				AB REV		n	U	n		
BOICBARE	B01CBA		6	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		44.00	44.00	44.00		
					OM31P (UG/KG) Continued	PCB-1248 (AROCHLOR 1248)	PCB-1254 (AROCHI,OR 1254)	PCB-1260 (AROCHLOR 1260)	DALAPON DICAMBA MCPP MCPP MCPA DICHLOROPROP 2,4-D (DICHLOROPHENOXYAC 2,4,5-T (TRICHLOROPHENOXYA DINOSEB 2,4 DB PENTACHLOROPHENOL PICLORAM 3,5-DICHLOROBENZOIC ACID CHI ORAMBEN	N N N N N N N N N N N N N N N N N N N
EPA NO	OGDEN ID	Date Sampled	Depth	Method Analyte	OM31P (UGA	PCB-1248 (PCB-1254 (PCB-1260 (8131 (UGAKG) DALAPON DICAMBA MCPP MCPA DICHLOROPROP 2,4-D (DICHLORO SILVEX (2,4,5-TP) 2,4,5-T (TRICHLOR DINOSEB 2,4 DB PENTACHLOROPI PICLORAM 3,5-DICHLOROBE CHI ORAMBEN	BENTAZON ACIFLUORFEN

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Validated MMR Data, Period 1-April-98 to 30-April-98

ABA BO2BBA BO2CBA 11/11/97 11/11/97 11/11/97 11/11/97 ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL CODE RESULT QUAL CODE	B02CBA	B02DBA	ROZEBA
ANALYTICAL LAB REV QUAL RESULT QUAL CODE	1/07		
ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		11/12/97	11/12/97
ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE			
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.00 U	2.00 U	2.00 U	1.80 U
2.00	2.00 U	2.00 U	1.80 U
2.00 U	2.00 U	2.00 U	1.80 U
2.00 U	2.00 U	2.00 U	U 08.1
2.00 U	2.00 U	2.00 U	1.80 U
2.00 U	2.00 U	2.00 U	1.80 U
2.00 U	2.00 U	2.00 U	1.80 U
2.00 U	2.00 U	2.00 U	1.80 U
3.80 U	4.00 U	4.00 U	3.50 U
*II 3.80 U	4.00 U	2.90 J	3.50 U
3.80 U	4.00 U	4.00 U	3.50 U
3.80	4.00 U	4.00 U	3.50 U
3.80 U	4.00 U	4.00 U	3.50 U
3.80	4.00 U	4.00 U	3.50 U
3.80 U	4.00 U	4.50	3.50 U
20.00 UJ C	20.00 UJ C	20.00 U	U 00.81
3.80 U	4.00 U	4.00 U	3.50 U
3.80 U	4.00 U	4.00 U	3.50 U
2.00 U	2.00 U	2.00 U	U.80 U
2.00	2.00 U	2.00 U	1.80 U
200.00	200.000 U	Z00.00 U	U 00.081
38.00 U	40.00 U	40.00 U	35.00 U
U 07.70	00.18	81.00 U	U 00.07
38.00 U	40.00 U	40.00 U	35.00 U
38.00 U	40.00 U	40.00 U	35.00 U
		200	

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP I: Soil Data for Methods 8151 and OM31P

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IIII 1977 IIIII 1977 IIII 1977 IIII 1977 IIII 1977 IIII 1977 IIIII 1977 IIIII 1977 IIIII 1977 IIIII 1977 IIII 1977 IIIII 1977 IIIIII 1977 IIIII 1977 IIIII 1977 IIIII 1977 IIIIIIII 1977 IIIIIIII 1977 IIIIIIIII 1977 IIIIIIIIIIIII 1977 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97 11/11/97		302ABA	B02BBA	B02CBA	B02DBA	B02EBA
A	## AMALYTICAL LAW REY GUAL ## COME		1/11/97	11/11/97	11/11/97	11/12/97	11/12/97
COUNTINUE COUN	Continued Continued Continued Continued Continued RESULT Cotal gird, Continued RESULT Cotal gird, Continued	Depth					
ROCHLOR 1248) 39.00 U 38.00 U 40.00 U 57.00 U 57.00 U 57.00 U 57.00 U 57.00 U 58.00 U 59.00 U	RYOCHLOR 1248) 39.00 U RROCHLOR 1260) 39.00 U 38.00 U 38.00 U 40.00 U 40.00 U 40.00 U 57.00 U 57.00 U 57.00 U 57.00 U 58.00 U 58.0	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
NROCHLOR 1248) 39.00 U 38.00 U 40.00 U 40.00 U 40.00 U 40.00 U 38.00 U 38.00 U 40.00 U	ROCHLOR 1249) 39.00 U 38.00 U 40.00 U RCOCHLOR 1254) 39.00 U 38.00 U 40.00 U RCOCHLOR 1260) 39.00 U 40.00 U U RCOCHLOR 1260) U 57.00 U U ROPE 57.00 U U C STOO U 58.00 U C SS OR OF HENOL SS OR U C CHLOROPHENOXYA SS OR U C CHLOROPHENOX SS OR U C SS OR U SS OR U SS OR U C SS OR SEN U C C SEN	OM31P (UG/KG) Continued					
NROCHLOR 1254) 39.00 U 38.00 U 40.00 U	RROCHLOR 1260) 39.00 U 38.00 U 40.00 U AROCHLOR 1260) 39.00 U 38.00 U 40.00 U BROP 5700.00 U 5700.00 U 0 LOROPHENOXYAC 57.00 U 57.00 U (5-TP) CHLOROPHENOXYAC 58.00 U U CHLOROPHENOXYAC 58.00 U C 58.00 U CHLOROPHENOX 58.00 U C 58.00 U C OROPHENOL 58.00 U C 58.00 U C SEN CHLOROPHENOL 58.00 U C C C SEN CHLOROPHENOL 58.00 U C C C C C C C C C C C C C C C C C C C C C C C C C C	PCB-1248 (AROCHLOR 1248)					35.00 U
RROCHLOR 1260) 39.00 U 38.00 U 40.00 U 57.00 U	NROCHLOR 1260) 39.00 U 38.00 U 40.00 U 5.70 U 5.80 U	PCB-1254 (AROCHLOR 1254)					35.00 U
310.00 U	PROP FROP CHLOROPHENOXYAC (,5-TP) CHLOROPHENOXYA CHLOROPHENOXYA S7.00 U S7.00 U S7.00 U S7.00 U S8.00	PCB-1260 (AROCHLOR 1260)					35.00 U
ON BA ST00.00 U ST0.00 U ST0.	ON BA BA ST0000 U ST0000 U ST0000 U ST0000 U ST000 U	8151 (UG/KG)					
BA BRA BRA BRA BROPROP DRUGNEOPHENOXYAC (1.2,4,5-TP) CHLOROPHENOXYA EB CHLOROPHENOL CHLOROPHENOL CHLOROPHENOL CHLOROPHENOL AMBEN CON CON CON CON CON CON CON C	BA DROPROP CHLOROPHENOXYAC CTLOROPHENOL CHLOROPHENOL CHLOROPHENOL CHLOROPHENOL CHLOROPHENOL CAM HALOROBENZOIC ACID AMBEN ZON LOREEN ST.00 U 5700.00 U 5700.0	DALAPON					
SROPROP 5700.00 U SICHLOROPHENOXYAC 5700 U (C2,4,5-TP) 5700 U CRICHLOROPHENOXYA 5.80 U EB 29.00 U CHLOROPHENOL 5.80 U CAM 5.80 U AAMBEN 5.80 U AAMBEN 5.80 U JORPEN 45.00 U JORPEN 45.00 U	ST000.00 U	DICAMBA					
ST00000 U	STO0.00 U	MCPP					
OROPROP 57.00 DICHLOROPHENOXYAC 57.00 (12,4,5-TP) 5.80 U CTRUCHLOROPHENOXYA 5.80 U EB 29.00 U CHLOROPHENOL 58.00 U CAM 5.80 U AAM 5.80 U AAMBEN 57.00 U ZON 120.00 U JORFEN 45.00 U	DROPROP 57.00 U DICHLOROPHENOX YAC 57.00 U (2,4,5-TP) 5.80 U (TRICHLOROPHENOX YAC 29.00 UJ EB 29.00 UJ CHLOROPHENOL 58.00 UJ CAM 5.80 UJ AAM 45.00 UJ ZON 120.00 UJ JORFEN 45.00 UJ	MCPA					
CH_OROPHENOXYAC C(2,4,5-TP) 5.80 U	MCHLOROPHENOXYAC 57.00 U (2,4,5-TP) 5.80 U (TRICHLOROPHENOXYA 5.80 U EB 29.00 U CHLOROPHENOL 58.00 U VAM 5.80 U AMBEN 57.00 U ZON 45.00 U JORFEN 45.00 U	DICHLOROPROP					
K (2,4,5-TP) 5.80 U CTRICHLOROPHENOXYA 5.80 U EB 29.00 U CHLOROPHENOL 20.00 R CAM 5.80 U AAM 57.00 U AAMBEN 120.00 U ZON 45.00 U JORFEN 45.00 U	(TRICHLOROPHENOXYA (TRICHLOROPHENOXYA EB CHLOROPHENOL CAM HLOROBENZOIC ACID AMBEN JORFEN 120.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 120.00 UJ 120.00 UJ 120.00 UJ 120.00 UJ	2,4-D (DICHLOROPHENOXYAC					
CHICKLOROPHENOXYA 5.80 U EB 29.00 UJ CHLOROPHENOL 20.00 R CAM 5.80 UJ AAM 57.00 UJ AMBEN 45.00 UJ JORFEN 45.00 UJ CORFEN 45.00 UJ	(TRICHLOROPHENOXYA EB 29.00 UJ 58.00 UJ CHLOROPHENOL AAMBEN AAMBEN ZON JORFEN 120.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 120.00 UJ	SILVEX (2,4,5-TP)					
EB CHLOROPHENOL CHLOROPHENOL CAM AMBEN AMBEN ZON JORFEN 120.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ	EB CHLOROPHENOL CHLOROPHENOL CAM HANGEN AMBEN AMBEN JORFEN 120.00 U 45.00 U 45.00 U 45.00 U 45.00 U 45.00 U 120.00 U	2,4,5-T (TRICHLOROPHENOXYA					
CHLOROPHENOL CAM LOROBENZOIC ACID AMBEN ZON JORFEN CHLOROPHENOL 5.80 UJ 45.00 UJ 45.00 UJ 45.00 UJ 6.00	CHLOROPHENOL CAM LOROBENZOIC ACID AMBEN ZON JORFEN LOROSPHENOL 20.00 R 5.80 UJ 45.00 UJ 45.00 UJ 45.00 UJ	DINOSEB			n		
DPHENOL 20.00 R 5.80 UJ 8ENZOIC ACID 57.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 45.00 UJ 65.00 UJ 65	DPHENOL 20.00 R 5.80 UJ 8ENZOIC ACID 57.00 UJ 45.00 UJ 45.00 UJ 120.00 UJ 12	2,4 DB					
BENZOIC ACID 57.00 UJ 45.00 UJ	BENZOIC ACID 55.80 UJ 120.00 U 120.00 U 145.00 UJ	PENTACHLOROPHENOL			×		
BENZOIC ACID 57.00 UJ 120.00 UJ 120.	BENZOIC ACID 1	PICLORAM			n		
45.00 UJ 120.00 U 45.00 UJ	45.00 UJ 120.00 U 45.00 UJ	3,5-DICHLOROBENZOIC ACID					
120.00 UJ	120.00 UJ 45.00 UJ	CHLORAMBEN			m		
45.00 UJ	45.00 UJ	BENTAZON					
		ACIFLUORFEN			5		

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP I: Soil Data for Methods 8151 and OM31P

EPA NO	B02FBA	B02GBA	B02HBA	B02IBA	B02JBA
OGDEN ID	B02FBA	B02GBA	B02HBA	Во2ГВА	B02JBA
Date Sampled	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97
Depth				*1000	
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ODE RESULT QUAL QUAL	QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31P (UG/KG)					
ALPHA BHC (ALPHA HEXACHL	2.10 U	2.00 U	U 06.1	2.00 U	U 06:1
BETA BHC (BETA HEXACHLOR	2.10 U	2.00 U	U 06.1	2.00 U	1.90 U
DELTA BHC (DELTA HEXACHL	2.10 U	2.00 U	U 06.1	2.00 U	1.90 U
GAMMA BHC (LINDANE)	2.10 U	2.00 U	U 06.1	2.00 U	U 06.1
HEPTACHLOR	2.10 U	2.00 U	U 06.1	2.00 U	U 06.1
ALDRIN	2.10 U	2.00 U	U 06.1	2.00 U	U 06.1
HEPTACHLOR EPOXIDE	2.10 U	2.00	U 06.1	2.00 U	U 06.1
ALPHA ENDOSULFAN	2.10 U	2.00 U	U 06.1	2.00 U	U 06.1
DIELDRIN	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
DDE (1,1-BIS(CHLOROPHENYL)	4.10 U	U 3.90 U	3.70 U	3.80 U	3.70 U
ENDRIN	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
BETA ENDOSULFAN	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
DDD (1,1-BIS(CHLOROPHENYL)	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
ENDOSULFAN SULFATE	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
DDT (1,1-BIS(CHLOROPHENYL)	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
METHOXYCHLOR	21.00 U	20.00 U	U 00.01	20.00 U	U 00.61
ENDRIN KETONE	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
ENDRIN ALDEHYDE	4.10 U	3.90 U	3.70 U	3.80 U	3.70 U
ALPHA-CHLORDANE	2.10 U	2.00 U	U 06:1	2.00 U	U 06.1
GAMIMA-CHLORDANE	2.10 U	2.00 U	U 06:1	2.00 U	U 06.1
TOXAPHENE	210.00 U	200.00 U	U 190.00	200.00 U	U 190.00
PCB-1016 (AROCHLOR 1016)	41.00 U	39.00 U	37.00 U	38.00 U	37.00 U
PCB-1221 (AROCHLOR 1221)	84.00 U	U 00.97	75.00 U	77.00 U	75.00 U
PCB-1232 (AROCHLOR 1232)	41.00 U	39.00 U	37.00 U	38.00 U	37.00 U
PCB-1242 (AROCHLOR 1242)	41.00 U	39.00 U	37.00 U	38.00 U	37.00 U

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OEES Technical Information Systems RGEN Ver 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

Decembed 1/11/297	EFA NO	BUZFBA	B02GBA	BUZHBA	D02IDA	DOLLDA
HIVI 2097 HIVI	GDEN ID	B02FBA	B02GBA	B02HBA	B02IBA	B02JBA
CANOCHLOR 1248	ate Sampled	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97
CONTROL ROAD CONTRINGED ANALYTICAL LOAD GRAFT COLORS ANALYTICAL COLORS	hepth					
CONTINUE of	fethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUA RESULT QUALQUAL COD		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
ROCHLOR 1248) 41 00 U 39 00 U 37 00 U 38 00 U 38 00 U 37 00 ROCHLOR 1249) 41 100 U 39 00 U 37 00 U 37 00 U 38 00 U 37	M31P (UG/KG) Continued					
ROCHLOR 1264) 41.00 U 39.00 U 37.00 U 38.00 U 37.00 U 38.00 U 37.00 U	PCB-1248 (AROCHLOR 1248)					
RROCHLOR 1260) 41 00 U 39.00 U 37.00 U 38.00 U 38.00 U 37.00 ROPHENOL. ROBENZOIC ACID SENTINE CHANCE CACID SENTINE CHANCE CH	PCB-1254 (AROCHLOR 1254)					
300.00 U 550.00 U 5.30 U 5.40	PCB-1260 (AROCHLOR 1260)					
300.00 U 590.00 U 5300.00 U 5300 U 5200 U 52	ISI (UG/KG)					
BA 5.50 U 5.30 U JROPROP 5500.00 U 5300.00 U JICHLOROPHENOXYAC 5.50 U 5300.00 U JICHLOROPHENOXYAC 5.60 U 5.40 U TRICHLOROPHENOXYA 5.60 U 5.40 U SB 28.00 U 5.40 U CHLOROPHENOX 5.60 U 5.40 U SB 5.60 U 5.40 U CHLOROPHENOL 8 4 19.00 R AMM 5.60 U 5.40 U AMBEN 5.60 U 5.40 U AMBEN 5.60 U 5.40 U AMBEN 110.00 U C 4.00 U	DALAPON					
SSO0.00 U 5300.00 U SSO0.00 U 5300.00 U SICHLOROPHENOXYAC SS.00 U 5300.00 U C(2,4,5-TP) S.60 U 5300.00 U TRICHLOROPHENOXYA S.60 U 5.40 U SB S.60 U S.40 U CHLOROPHENOL S.60 U S.40 U CHLOROPHENOL S.60 U S.40 U CHLOROPHENOL S.60 U S.40 U AAMI S.60 U S.40 U AMBEN S.60 U S.40 U AMBEN S.60 U S.40 U ALOO U S.40 U U AMBEN S.60 U S.40 U ALOO U S.40 U U ALOO U S.40 U U ALOO U	DICAMBA					
SSOO OD U UD SSOO OD U UD UD <th< td=""><td>MCPP</td><td></td><td></td><td></td><td></td><td></td></th<>	MCPP					
OROPROP 55.00 U 53.00 U MICHLOROPHENOXYAC 5.60 U 5.40 U C(2,4,5-TP) 5.60 U 5.40 U CTRICHLOROPHENOXYA 5.60 U 5.40 U SB 5.60 U 5.40 U CHLOROPHENOL 5.60 U 5.40 U CHLOROPHENOL 5.60 U 5.40 U AMM 5.60 U 5.40 U AMBEN 110.00 U 44.00 U 53.00 U ZON U 44.00 U 53.00 U U 53.00 U JORFEN 44.00 U C,*4 42.00 U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U <td>MCPA</td> <td></td> <td></td> <td></td> <td></td> <td></td>	MCPA					
SS.00 U 53.00 U C(2,4,5-TP) 5.60 U 5.40 U TRICHLOROPHENOXYA 28.00 UJ C 27.00 UJ SB 56.00 UJ C 27.00 UJ CHLOROPHENOL 20.00 R *4 19.00 R CAM 5.60 UJ C 5.40 UJ AMBEN 120.00 U *4 42.00 UJ ZON 120.00 U *4 42.00 UJ JORFEN 44.00 UJ C,*4 42.00 UJ	DICHLOROPROP					
\$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 <td< td=""><td>2,4-D (DICHLOROPHENOXYAC</td><td></td><td></td><td></td><td></td><td></td></td<>	2,4-D (DICHLOROPHENOXYAC					
TRICHLOROPHENOXYA 5.60 U 5.40 U 3B 28.00 UJ C 27.00 UJ CHLOROPHENOL 56.00 U 54.00 U CAM 5.60 UJ C 5.40 UJ AMBEN 44.00 UJ C 5.40 UJ AMBEN 120.00 U *4 42.00 UJ JORFEN 44.00 UJ C,*4 42.00 UJ	SILVEX (2,4,5-TP)					
3B CHLOROPHENOL 56.00 UJ C 27.00 UJ CHLOROPHENOL 20.00 R *4 19.00 R CAM 5.60 UJ C 5.40 UJ CAM 5.60 UJ C 5.40 UJ AMBEN 120.00 UJ *4 42.00 UJ ZON 120.00 UJ C,*4 42.00 UJ JORFEN 44.00 UJ C,*4 42.00 UJ	2,4,5-T (TRICHLOROPHENOXY.					
CHLOROPHENOL CAM CAM LOROBENZOIC ACID AMBEN ZON ZON JORFEN S.6.00 R *4 19.00 R *4 19.00 R *4 19.00 UJ *4 42.00	OINOSEB		UJ	UJ		
ACID	2,4 DB					
3ENZOIC ACID	PENTACHLOROPHENOL		×	×		
3ENZOIC ACID 55.00 U *4 42.00 UJ 120.00 UJ 44.00 UJ C,*4 42.00 UJ UJ C,*4 42.00 UJ UJ UJ C,*4 42.00 UJ	PICLORAM		m	m		
44.00 UJ *4 42.00 UJ	3,5-DICHLOROBENZOIC ACID					
120.00 U 110.00 U 110.00 U 44.00 UJ C,*4 42.00 UJ	CHLORAMBEN		m	m		
44.00 UJ C,*4 42.00 UJ	BENTAZON					
	ACIFLUORFEN		Ω	42.00 UJ		

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Validated MMR Data, Period 1-April-98 to 30-April-98

			DO	BUZLBA		B02MBA		BUZNBA		DUSFBA	
BO	BOZKBA		BO	B02LBA		B02MBA		B02NBA			
11/	11/13/97		=	11/13/97		11/13/97		11/13/97			
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QUAL	AL DE	ANALYTICAL LAB RESULT QUAL	AL QUAL CODE	ANALYTICAL LAB RESULT QUA	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAL	REV QUAL	ANALYTICAL I	LAB REV QUAL QUAL QUAL QUAL QUAL CODE
		-									
ALPHA BHC (ALPHA HEXACHL	2.00	n		2.10	n	1.90	n	1.90	n		
BETA BHC (BETA HEXACHLOR	2.00	n		2.10	D	1.90	n	1.90	n		
DELTA BHC (DELTA HEXACHL	2.00	n		2.10	D	1.90	n	1.90	D		
GAMMA BHC (LINDANE)	2.00	n		2.10	D	1.90	n	1.90	n		
	2.00	n		2.10	Þ	1.90	D	1.90	Ω		
	2.00	n		2.10	D	1.90	D	1.90	n		
HEPTACHLOR EPOXIDE	2.00	D		2.10	D	1.90	D	1.90	n		
ALPHA ENDOSULFAN	2.00	n	_	2.10	n	1.90	n	1.90	n		
	3.90	n		4.00	D	3.70	D	3.80	D		
DDE (1,1-BIS(CHLOROPHENYL)	8.30			4.00	n	2.20	11. f	3.80	n		
	3.90	ח		4.00	ח	3.70	n	3.80	n n		
	3.90	D		4.00	n	3.70	n	3.80	n		
DDD (1,1-BIS(CHLOROPHENYL)	3.90	n	_	4.00	n	3.70	n	3.80	n		
ENDOSULFAN SULFATE	3.90	n		4.00	n	3.70	n	3.80	Ω		
DDT (1,1-BIS(CHLOROPHENYL)	12.00			4.00	n	00.9		3.80	n		
	20.00	n		21.00	n D	19.00	n	19.00	D		
	3.90	n		4.00	n	3.70	n	3.80	n		
	3.90	n		4.00	n	3.70	n	3.80	D		
ALPHA-CHLORDANE	2.00	n		2.10	ח	1.90	n	1.90	D		
GAMMA-CHLORDANE	2.00	n		2.10	n	1.90	n	1.90	D		
	200.00	D		210.00	n	190.00	n	190.00	D		
PCB-1016 (AROCHLOR 1016)	39.00	n		40.00	n	37.00	Ŋ	38.00	n		
PCB-1221 (AROCHLOR 1221)	79.00	n		82.00	n	74.00	D	00.97	Ω		
PCB-1232 (AROCHLOR 1232)	39.00	n		40.00	n	37.00	ם	38.00	Ω		
PCB-1242 (AROCHLOR 1242)	39.00	Ω		40.00	n	37.00	D	38.00	Ω		

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP I: Soil Data for Methods 8151 and OM31P

Diag Standard Diag Standar	BO2LBA BO2MBA B	B02NBA 11/13/97 11/13/97 11/13/97 38.00 38.00 38.00	B03FBA 11/10/97 11/10/97 300.00 5.40 5.40 5.400 5.50 5.50 5.50	REV QUAL CODE CODE CODE CODE CODE CODE CODE CODE
11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97	11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97 11/13/97	11/13/97 ANALYTICAL LAB RESULT QUAI 38.00 38.00	300.00 300.00 5.40 5.40 5.400 5.400 5.50 5.50	C C C C C C C C C C C C C C C C C C C
A	### CONTINUES OF C	38.00 38.00 38.00	300.00 5.40 5.40 5.40 5.50 5.50	MEEV QUAL CODE UT
CONTRICAL DATA CONTRICAL DATA (CARCOPTE ANALYTICAL DATA) CONTRICAL DATA (CARCOPTE DATA (CARCOPTE DATA) CONTRICAL DATA (CARCOPTE DATA (CARCOPTE DATA) CONTRICAL DATA (CARCOPTE DATA (CARCOP	Continued	38.00 38.00 38.00	300.00 5.40 5.40 5.40 5.400 5.400 5.50 5.50	C C C C C C C C C C C C C C C C C C C
CONTINUED CONT	ROBENZOIC ACID SG. Continued AG.00 U AG.00 AG.00 U AG.00 U AG.00 AG.00 U AG.00 U AG.00 U AG.00 AG.00 U AG.00 U AG.00 AG.00 U AG.00 AG.00 U AG.00 AG		300.00 5.40 5.40 5.400.00 5.400 5.50 5.50	
ROCHLOR 1248) 39 00 U 40 00 U 33 00 U 38 00 U 38 00 U 38 00 U 39 00 U 40 00 U 37 00 U 38 00 U 38 00 U 39 00 U	ROCHLOR 1248) 39.00 U 40.00 U 37.00 ROCHLOR 1254) 39.00 U 40.00 U 37.00 ROCHLOR 1260) 39.00 U 40.00 U 37.00 ROCHLOR 1260) 39.00 U 40.00 U 37.00 ROCHLOR 1260) U 40.00 U 37.00 ROPHENOXYAC S.5-TP) CHLOROPHENOXYA CHLOROPHENOX ROBENZOIC ACID SEN CHLOROPHENOX CHLOROPHENOX RESIN CHLOROPHENOX CHLOROPHENOX CHLOROPHENOX CHLOROPHENOX		300.00 5.40 5.40 5.400.00 54.00 54.00 5.50	
ROCHLOR 1254) 39,00 U 40,00 U 37,00 U 38,00 U 38,00 U 300,00 U 300,00 U 37,00 U 38,00 U 300,00 U 300,0	ROCHLOR 1254) 39.00 U 40.00 U 37.00 ROCHLOR 1260) 39.00 U 40.00 U 37.00 ROCHLOR 1260) 39.00 U 40.00 U 37.00 ROPHENOXYAC S-TP) CHLOROPHENOXYA ROBENZOIC ACID SEN		300.00 5.40 5400.00 5400.00 54.00 5.50	
ROCHLOR 1260) 39.00 U 40.00 U 37.00 U 38.00 U 3800 U 5400.00 U 5500 U 550	ROCHLOR 1260) 39.00 U 40.00 U 37.00 PROP 1.OROPHENOXYAC 5.5-TP) CHLOROPHENOXYA ROBENZOIC ACID 38.N FEN		300.00 5.40 5400.00 5400.00 54.00 5.50	
ROPHENOXYAC 5.40 U 5.400.00 U 5.400 U 5.400 U 5.500	PROP 1.OROPHENOXYAC ,5-TP) CHI.OROPHENOXYA OROPHENOL ROBENZOIC ACID 3EN TEN		300.00 5.40 5400.00 54.00 54.00 5.50	
300,000 U 5,400,00 U 5,400,00 U 5,500 U 5,500 U 5,500 U 1,100,0 U 1,100,0 U	PROP H.OROPHENOXYAC 4,5-TP) ICHLOROPHENOXYA COROPHENOL 1 A DROBENZOIC ACID BBEN N TEEN		300.00 5.40 5.40 5.400.00 5.4.00 5.50 5.5	
5.400.00 5.400.00 5.400.00 5.400.00 5.400.00 5.500 0 5.500 0 5.500 0 110.000 0 43.000 0 8	BA OROPROP OICHLOROPHENOXYAC (2,4,5-TP) (TRICHLOROPHENOXYA 3B CHLOROPHENOL AM HLOROBENZOIC ACID AMBEN ZON JORFEN		5.40 5400.00 5400.00 54.00 5.50 5.50	
\$400.00 U \$400.00 U \$5400.00 U \$550 U	DROPROP DICHLOROPHENOXYAC (2,4,5-TP) (TRICHLOROPHENOXYA 3B CHLOROPHENOL AM HLOROBENZOIC ACID AMBEN ZON JORFEN		5400.00 5400.00 54.00 54.00 5.50	
\$400.00 0 \$54.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00 0 \$5.00	DROPROP DICHLOROPHENOXYAC (12,4,5-TP) (TRICHLOROPHENOL 3B CHLOROPHENOL AMM HLOROBENZOIC ACID AMBEN ZON JORFEN		5400.00 54.00 54.00 5.50	
54.00 U 5.50 U 5.50 U 5.50 U 5.50 U 6.50 U 6.50 U 7.50	DROPROP DICHLOROPHENOXYAC (12,4,5-TP) (TRICHLOROPHENOXYA SB CHLOROPHENOL AM HLOROBENZOIC ACID AMBEN ZON JORFEN		54.00 54.00 5.50 5.50	
5.50 U 5.50 U 5.50 U 5.50 U 5.50 U 5.50 U 7.00 U	JICHI, OROPHENOXYAC (2,4,5-TP) (TRICHI, OROPHENOXYA 3B CHI, OROPHENOL CAM HI, OROBENZOIC ACID AMBEN ZON JORFEN		54.00	
5.50 U 5.50 U 5.50 U 5.50 U 5.50 U 5.50 U 6.70 U	(TRICHLOROPHENOXYA 3B CHLOROPHENOL AM HLOROBENZOIC ACID AMBEN ZON JORFEN		5.50	
5.50 UJ 55.00 UJ 55.00 UJ 55.00 UJ 55.00 UJ 643.00 R 110.00 UJ 643.00 R	TRICHLOROPHENOXYA 3B CHLOROPHENOL CAM HLOROBENZOIC ACID AMIBEN ZON ZON JORFEN		5.50	
28.00 UJ 55.00 U 55.00 UJ 643.00 R 43.00 R 43.00 R	CHLOROPHENOL CAM HLOROBENZOIC ACID AMBEN ZON JORFEN		0	
55.00 U 20.00 R 5.50 UJ 5.400 U 43.00 R 43.00 R	CHLOROPHENOL AM HLOROBENZOIC ACID AMBEN ZON JORFEN		28.00	
20.00 R 5.50 UJ 6.50 UJ 110.00 U 110.00 U 43.00 R	OPHENOL BENZOIC ACID		55.00	D
5.50 UJ 54.00 U 43.00 R 43.00 R	ORAM SICHLOROBENZOIC ACID ORAMBEN TAZON TLUORFEN		20.00	
54.00 U 43.00 R 43.00 R 43.00 R	JICHLOROBENZOIC ACID ORAMBEN TAZON TLUORFEN		5.50	
43.00 R 43.00 R	ORAMBEN TAZON T.UORFEN		54.00	n
110.00 U	TAZON		43.00	
43.00 R	LUORFEN		110.00	n
			43.00	

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Validated MMR Data, Period 1-April-98 to 30-April-98

OGDEN ID Date Sampled Depth Method Analyte OM31P (UG/KG) ALPHA BHC (ALPHA HEXACHL BETA BHC (BETA HEXACHL GAMMA BHC (LINDANE) HEPTACHLOR ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN	ANALYTICAL LAB REV QUAL RESULT QUAL CODE		B03KBA 11/10/97		B03LBA		ВозмВА	
ALPHA HEXACHL STA HEXACHLOR DELTA HEXACHL (LINDANE) EPOXIDE SULFAN	LAB REV QUAL CODE		11/10/97		11/10/07			
ALPHA HEXACHL STA HEXACHLOR DELTA HEXACHL (LINDANE) EPOXIDE SULFAN	CAB REV QUAL				11/10/97		11/10/97	
ALPHA HEXACHL STA HEXACHLOR DELTA HEXACHL (LINDANE) EPOXIDE SULFAN	COBE REV QUAL COBE							
ALPHA BHC (ALPHA HEXACHL BETA BHC (BETA HEXACHLOR DELTA BHC (DELTA HEXACHLOR GAMMA BHC (LINDANE) HEPTACHLOR ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LA RESULT QU	LAB REV QUAL QUAL QUAL QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	AB REV QUAL	ANALYTICAL	LAB REV QUAL QUAL QUAL QUAL QUAL CODE
ALPHA BHC (ALPHA HEXACHL BETA BHC (BETA HEXACHLOR DELTA BHC (DELTA HEXACHL GAMMA BHC (LINDANE) HEPTACHLOR ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN								
BETA BHC (BETA HEXACHLOR DELTA BHC (DELTA HEXACHL GAMMA BHC (LINDANE) HEPTACHLOR ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN			2.00	D	2.00	n	2.20	ח
DELTA BHC (DELTA HEXACHL GAMMA BHC (LINDANE) HEPTACHLOR ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN			2.00	D	2.00	n	2.20	D
GAMMA BHC (LINDANE) HEPTACHLOR ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN			2.00	n	2.00	n	2.20	n
HEPTACHLOR ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN			2.00	n	2.00	n	2.20	n
ALDRIN HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN			2.00	n	2.00	n	2.20	n
HEPTACHLOR EPOXIDE ALPHA ENDOSULFAN DIELDRIN			2.00	n	2.00	D	2.20	ח
ALPHA ENDOSULFAN DIELDRIN			2.00	ח	2.00	D	2.20	D
DIELDRIN			2.00	n	2.00	n	2.20	n
			3.90	n	3.80	n	4.20	ח
DDE (1,1-BIS(CHLOROPHENYL)			3.90	n	3.80	n	4.20	n
ENDRIN			3.90	n	3.80	n	4.20	n
BETA ENDOSULFAN			3.90	n	3.80	D	4.20	D
DDD (1,1-BIS(CHLOROPHENYL)			3.90	n	3.80	n	4.20	D
ENDOSULFAN SULFATE			3.90	n	3.80	n	4.20	D
DDT (1,1-BIS(CHLOROPHENYL)			3.90	n	3.80	D	4.20	D
METHOXYCHLOR			20.00	n	20.00	n	22.00	D
ENDRIN KETONE			3.90	n	3.80	ם	4.20	D
ENDRIN ALDEHYDE			3.90	n	3.80	n	4.20	n
ALPHA-CHLORDANE			2.00	n	2.00	n	2.20	D
GAMMA-CHLORDANE			2.00	n	2.00	D	2.20	D
TOXAPHENE			200.00	n	200.00	n	220.00	D
PCB-1016 (AROCHLOR 1016)			39.00	D	38.00	n	42.00	n
PCB-1221 (AROCHLOR 1221)			79.00	D	77.00	n	85.00	D
PCB-1232 (AROCHLOR 1232)			39.00	n	38.00	n	42.00	D
PCB-1242 (AROCHLOR 1242)			39.00	n	38.00	n	42.00	D

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OEES Technical Information Systems RGEN Ver 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP I: Soil Data for Methods 8151 and OM31P

						MUNCOCI		DOTEDA			BUSIMIDA		
OGDEN ID	B03GBA		B03JBA	1		BO3KBA		B031.BA			BO3MBA		
Date Sampled	11/10/97		11/10/97			11/10/97		11/10/97			11/10/97		
Depth													
Method Analyte	ANALYTICAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	AB REV QUAL		VTICAL LAB	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAL	CAB REV QUAL QUAL	QUAL
OM31P (UG/KG) Continued													
PCB-1248 (AROCHLOR 1248)						39.00	ם		38.00	n	42.00	n	
PCB-1254 (AROCHLOR 1254)						39.00	D		38.00	n	42.00	D	
PCB-1260 (AROCHLOR 1260)			_			39.00	n		38.00	n	42.00	n	
8151 (UG/KG)													
DALAPON	300.00	n	330.00	D 00		300.00	D				330.00	n	
DICAMBA	5.40	D	00.9	D 00		5.50	n		_		5.90	ח	
MCPP	5400.00	n	00.0009	D 00		5500.00	ם				5900.00	D	
MCPA	5400.00	n	15000.00	00 NJ	*8, *9	5500.00	n				5900.00	n	
DICHLOROPROP	54.00	n	00.09	OC 0C		55.00	D		_		59.00	ח	
2,4-D (DICHI,OROPHENOXYAC	54.00	n	00.09	D 00		55.00	n		-		59.00	D	
SILVEX (2,4,5-TP)	5.50	n	6.20	20 U		5.60	n				6.10	D	
2,4,5-T (TRICHLOROPHENOXYA	A 5.50	D	6.20	20 U		5.60	D		_		6.10	ח	
DINOSEB	28.00	UJ C	31.00	00	C	28.00	UJ C				30.00	E	၁
2,4 DB	55.00	n	62.00	D 00		96.00	ם				61.00	D	
PENTACHLOROPHENOL	20.00	R *4	22.00	00 R	*4	20.00	R *4				22.00	~	*4
PICLORAM	5.50	M C	6.20	20 UJ	C	9.60	OJ C				6.10	D	O
3,5-DICHLOROBENZOIC ACID	54.00	n	00:09	D 00		55.00	n				59.00	n	
CHI.ORAMBEN	43.00	R *4	48.00	00 R	*4	44.00	R *4				47.00	×	*4
BENTAZON	110.00	n	130.00	D 00		120.00	n				130.00	ח	
ACIFLUORFEN	43.00	R *4	48.00	00 R	*4	44.00	R *4				47.00	~	*

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Validated MMR Data, Period 1-April-98 to 30-April-98

OGDEN ID B03NBA B04GAA Date Sampled 11/10/97 12/18/97 Depth Arely out that the control of the co		QUAL ANALYTICAL LAB REV	B12DAA	
11/10/97 12/18/97 12/18/97 12/18/97 11/10/97 11/10/97 12/18/97 12/18/97 12/18/97 12/18/97 12/18/97 12/18/97 12/18/97 12/18/97 12/18/97 12/18/97 12/18/97 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 12/19 1	REV QUAL CODE QUAL CODE U	QUAL ANALYTICAL LAB REV	11/13/97	
A BHC (BETA HEXACHL 2.10 U 2.40 BHC (BETA HEXACHL 2.10 U 2.40 A BHC (DELTA HEXACHL 2.10 U 2.40 AA BHC (LINDANE) 2.10 U 2.40 ACHLOR A BHC (LINDANE) 2.10 U 2.40 ACHLOR A BHC (LINDANE) 2.10 U 2.40 ACHLOR A BHC (LINDANE) 2.10 U 2.40	U U U U U U U U U U U U U U U U U U U	QUAL ANALYTICAL LAB REV	****	
ABHC (ALPHA HEXACHL OR BET) ABHC (ALPHA HEXACHL OR BHC (BETA HEXACHL OR BHC (LINDANE) 2.10 U 2.40	REV QUAL CODE U U U U U U	QUAL ANALYTICAL LAB REV		
ALPHA HEXACHL 2.10 U STA HEXACHLOR 2.10 U DELTA HEXACHL 2.10 U (LINDANE) 2.10 U		CODE RESULT QUAL QUAL	QUAL ANALYTICAL LA CODE RESULT QU	LAB REV QUAL QUAL QUAL CODE
2.10 U 2.10 U 2.10 U 2.10 U 2.10 U				
2.10 U 2.10 U 2.10 U 2.10 U 2.10 U			1.90	n
2.10 2.10 2.10 2.10 0.2 2.10 0.1			1.90	n
2.10 U 2.10 U 2.10 U 2.10 U	חמת		1.90	D
2.10 U 2.10 U 2.10 U 2.10 U	חח		1.90	n
2.10 U 2.10 U	n		1.90	D
2.10 U			1.90	n
710 171	מ		1.90	D
2:10	n		1.90	n
DELDRIN 4.10 U 4.60			3.80	n
DDE (1,1-BIS(CHI.OROPHENYL.) 4.10 U 4.60	n		3.80	n
ENDRIN 4.10 U 4.60	n		3.80	D
BETA ENDOSULFAN 4.10 U 4.60	n		3.80	n
DDD (1,1-BIS(CHLOROPHENYL) 4.10 U 4.60			3.80	n
ENDOSULFAN SULFATE 4.10 U 4.60			3.80	n
DDT (1,1-BIS(CHLOROPHENYL) 4.10 U 4.60			3.80	n
METHOXYCHLOR 21.00 U 24.00			19.00	n
ENDRIN KETONE 4.10 U 4.60	n		3.80	n
ENDRIN ALDEHYDE 4.10 U 4.60			3.80	n
ALPHA-CHLORDANE 2.10 U 2.40			1.90	n
GAMMA-CHLORDANE 2.10 U 2.40			1.90	D
TOXAPHENE 210.00 U 240.00			190.00	n
PCB-1016 (AROCHLOR 1016) 41.00 U 46.00	n		38.00	n
PCB-1221 (AROCHLOR 1221) 83.00 U 93.00			76.00	n
PCB-1232 (AROCHLOR 1232) 41.00 U 46.00			38.00	n
PCB-1242 (AROCHLOR 1242) 41.00 U 46.00			38.00	n

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<PRG table not selected>

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP I: Soil Data for Methods 8151 and OM31P

Direction Dire	EFAINO	BUSINGA	B04GAA		BIUDBA		DIUEDA	1	DILLIAA	
Thi Charles		B03NBA	B04GAA		BIODBA		BIOEBA	Bl	2DAA	
COCKO CONTINUES ANALYDRAN [ANA] ANALYDRAN [ANA] ANALYDRAN [ANA] Control of the control of th		11/10/97	12/18/97		11/18/97		11/18/97	Ξ	/13/97	
CONTON CANCATION APPLIATION CONTON	Pepth									
Name	1ethod Analyte	ANALYTICAL LAB REV QUAR RESULT QUAL QUAL COI		V QUAL	ANALYTICAL LAB REV RESULT QUAL QUA	QUAL CODE	ANALYTICAL LAB REV QU RESULT QUAL QUAL CO	JAL JDE	ANALYTICAL LAB RESULT QUAI	REV QU QUAL CO
NEOCHLOR 1248 1,100 U 46,00 U	M31P (UG/KG) Continued									
Nacy-Horizer 190 U 46.00 U 46.	PCB-1248 (AROCHLOR 1248)								38.00	n
National College National Co	PCB-1254 (AROCHI,OR 1254)								38.00	Ω
Second U Second U C Second U C Second U Second U C Second U Second U C Second U	PCB-1260 (AROCHLOR 1260)								38.00	n
320.00 U 650.00 U C 520.00 U 580.00 U	151 (UG/KG)									
BA 580 U 650 U C 520 U 520 U 5300 U SR0000 U 40000 U C 5200 U 5200 U 5300 U SR001 U 40000 U C 5200 U 5300 U 5300 U SR002 U 6500 U C 5200 U 5300 U	DALAPON			*					300.00	n
SROO 00 U 6500.00 U 5200.00 U 5200.00 U 5300.00 U SROO 00 U 4000.00 U 5200.00 U 5300.00 U 5400.00 U 5400.00 <th< td=""><td>DICAMBA</td><td>5.80 U</td><td></td><td></td><td></td><td></td><td></td><td></td><td>5.30</td><td>n</td></th<>	DICAMBA	5.80 U							5.30	n
SROOROPHENOXYAC SROOROR U C SECONOROR U SECONORO	MCPP								5300.00	n
Sample S	MCPA							_	5300.00	n
CHIOROPHENOXYAC S8.00 U C S2.00 U C S2.00 U S3.00 U S3.00 U S4.00 U C S3.00 U	DICHLOROPROP			_					53.00	n
C(2.4.5-TP) 5.90 U 6.70 UJ C 5.30 U 5.30 U 5.40 J 6.70 J 6.70 </td <td>2,4-D (DICHLOROPHENOXYAC</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>53.00</td> <td>n</td>	2,4-D (DICHLOROPHENOXYAC								53.00	n
THICHLOROPHENOXYA 5.90 U 6.70 UJ C 27.00 U C 26.00 U 5.30 U 5.30 U 5.30 U C 27.00 U C	SILVEX (2,4,5-TP)								5.40	n
SB 30 00 UJ C 33.00 UJ C 27.00	2,4,5-T (TRICHLOROPHENOXYA	5.90 U							5.40	
S9.00 U 67.00 U CHLOROPHENOL. 21.00 R 44 24.00 U C 53.00 U 53.00 U 59.00 U 59	DINOSEB	UJ							27.00	
ACID 58.00 UJ C 65.00 UJ C 53.0 U 53.0 U 55.30 U 55.00 U 66.00 R *4 52.00 UJ C 42.00 U C 42.00 U 66.00 R *4 52.00 UJ C 42.00 U C 42.00 U 66.00 U 67.00	2,4 DB								54.00	n
Send UJ C 6.70 UJ C 5.30 U 5.30 U 5.30 U 5.30 U 5.30 U 5.300 U 5	PENTACHLOROPHENOL	2	24.00		-				19.00	
BENZOIC ACID 58.00 U 65.00 UJ C 52.00 U 65.00 U 52.00 U 65.00 UJ C 42.00 U 41.00 U 110.00 U 46.00 R *4 52.00 UJ C 42.00 R *4 41.00 R 43.00 UJ C 42.00 R 44.00 R 44.00 UJ C 42.00 R 44.00 R 44.00 UJ C 42.00 R 44.00 R 44.00 UJ C 43.00 UJ C 42.00 R 44.00 R 44.00 UJ C 43.00 UJ C 4	PICLORAM	m						_	5.40	
46.00 R *4 52.00 UJ C 42.00 U 41.00 U 43.00 UJ *4 120.00 U 140.00 UJ C 110.00 U	3,5-DICHLOROBENZOIC ACID	S8.00 U						_	53.00	n
120.00 U 140.00 UJ C 110.00 U 110.00 U 110.00 U 110.00 U 110.00 U C 42.00 R *4 41.00 R *4 43.00 UJ C 43.00 UJ C 42.00 R *4 41.00 R *4 43.00 UJ C 43.00 UJ	CHLORAMBEN	×	52.00						43.00	
46.00 R *4 52.00 UJ C 42.00 R *4 41.00 R *4 43.00 UJ C	BENTAZON							_	110.00	n
	ACIFLUORFEN	×	52.00			*	~	4	43.00	n n

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Validated MMR Data, Period 1-April-98 to 30-April-98

		DIZEAN	B14ABA	B14BBA	BI4CBA	A	B14DBA	
IIIII1977		B12EAA					B14DBA	
A	ate Sampled	11/13/97					11/11/97	
ANALYTICAL Color	hth							
ALPHA HEXACHL. 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.15AN	ethod knalyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL			LAB REV QUAL QUAL		LAB REV QUAL QUAL QUAL QUAL QUAL QUAL CODE
1.90 U U	M31P (UG/KG)							
AT.) 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 3.70 4.1. 4.2. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3. 4.3.	ALPHA BHC (ALPHA HEXACHL						2.00	n
HL 1.90 U U	BETA BHC (BETA HEXACHLOR						2.00	n
1.90 U 1.90 U 1.90 U 1.90 U 3.70 U 3.70 U 1.90 U	DELTA BHC (DELTA HEXACHL						2.00	n
T1.90 U	SAMMA BHC (LINDANE)						2.00	D
T1.90 UU 1.90 UU 3.70 UU 3.70 UU 1.90 UU 1.	TEPTACHLOR						2.00	D
T.) 3.70 T.) 3.70 T.) 3.70 T.) 3.70 T.) 3.70 T.) 3.70 T.) 1.900 T.) T.) T.) T.) T.) T.) T.) T	ALDRIN						2.00	n
T.) 3.70 U 3.70 U 3.70 U 3.70 U 19.00 U 1.90	TEPTACHLOR EPOXIDE						2.00	n
YL) 3.70 U	ALPHA ENDOSULFAN						2.00	n
YL) 3.70 U	DIELDRIN						3.80	D
YL) 3.70 U	ODE (1,1-BIS(CHLOROPHENYL)						3.80	n
YL) 3.70 U 3.70 U 19.00 U 1.90 U 1.90 U 1.90 U 1.90 U 1.50 U 1.50 U 1.50 U 1.50 U 1.50 U 1.50 U 1.50 U	SNDRIN						3.80	n
YL) 3.70 U	SETA ENDOSULFAN						3.80	n
YL) 3.70 U 19.00 U 3.70 U 1.90 U 1.90 U 1.90 U 37.00 U	ODD (1,1-BIS(CHLOROPHENYL)						3.80	D
YL) 3.70 U 3.70 U 3.70 U 1.90 U 1.90 U 190.00 U 37.00 U 37.00 U	NDOSULFAN SULFATE						3.80	n
19.00 U 3.70 U 1.90 U 190.00 U 37.00 U 37.00 U	ODT (1,1-BIS(CHLOROPHENYL)						3.80	n
3.70 U 1.90 U 1.90 U 190.00 U 37.00 U 37.00 U	AETHOXYCHLOR						20.00	Ω
3.70 U 1.90 U 190.00 U 37.00 U 75.00 U	ENDRIN KETONE					-	3.80	Ω
1.90 U 1.90 U 190.00 U 37.00 U 37.00 U	ENDRIN ALDEHYDE						3.80	n
1.90 U 190.00 U 37.00 U 37.00 U	ALPHA-CHLORDANE						2.00	n
190.00 U 37.00 U 75.00 U	SAMMA-CHLORDANE						2.00	n
37.00 U 75.00 U 37.00 U	OXAPHENE						200.00	n
75.00 U 37.00 U	CB-1016 (AROCHLOR 1016)						38.00	n
37.00 U	CB-1221 (AROCHLOR 1221)						78.00	n
	CB-1232 (AROCHLOR 1232)						38.00	n
PCB-1242 (AROCHLOR 1242) 37.00 U 38.00	CB-1242 (AROCHLOR 1242)						38.00	ח

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP I: Soil Data for Methods 8151 and OM31P

EPA NO	B12EAA		B14ABA		B14BBA		B14CBA		B14DBA	
OGDEN ID	BIZEAA		B14ABA		B14BBA		B14CBA		B14DBA	
Date Sampled	11/13/97		11/11/97		11/11/97		11/11/97		11/11/97	
Depth										
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	V. CODE	ANALYTICAL LA RESULT QU	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL AL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL
OM31P (UG/KG) Continued										
PCB-1248 (AROCHLOR 1248)	37.00	Ω							38.00	D
PCB-1254 (AROCHLOR 1254)	37.00	Ω							38.00	n
PCB-1260 (AROCHI,OR 1260)	37.00	Ω							38.00	n
8151 (UG/KG)										
DALAPON	290.00	n	310.00 U		320.00	n	300.00 IU			
DICAMBA	5.30	n	74.00 NJ	1 *8, *9	5.80	n	5.50 U			
MCPP	5300.00	ח	5700.00 U		5800.00	D	5500.00 U			
MCPA	5300.00	D	5700.00 U		5800.00	D	5500.00 U			
DICHLOROPROP	53.00	D	57.00 U		58.00	n	55.00 U			
2,4-D (DICHLOROPHENOXYAC	53.00	D	57.00 U		58.00	n	55.00 U			
SILVEX (2,4,5-TP)	5.40	D	5.80 U		5.90	n	S.60 U			
2,4,5-T (TRICHLOROPHENOXYA	5.40	n	5.80 U		5.90	ם	5.60 U			
DINOSEB	27.00	U C	29.00 UJ	C	30.00	UJ C	28.00 UJ	C		
2,4 DB	54.00	D	58.00 U		59.00	n	56.00 U			
PENTACHLOROPHENOL	19.00	R *4	20.00 R	*	21.00	R *4	20.00 R	*4		
PICI.ORAM	5.40	UJ C	5.80 UJ	C	5.90	UJ C	5.60 UJ	C		
3,5-DICHLOROBENZOIC ACID	53.00	n	57.00 U		58.00	n	55.00 U			
CHLORAMBEN	42.00	UJ *4	45.00 R	*4	46.00	R *4	44.00 R	*4		
BENTAZON	110.00	ח	I 90.00	6*	120.00	D	120.00 U			
ACIFLUORFEN	42.00	UJ C,*4	45.00 R	*	46.00	R *4	44.00 R	*		
							_			
								_		
D.MMRVPROGRAMS\GRP_LDB (2032 of 2032 records) 05/07/98 17:23.1 read by mlboyajian	2032 of 2032 recor	ds) 05/07/9	8 17:23.1 read by mlboy	ajian			Orden Environmental and Energy Corvices	, and man	ol and Frances	, Sorvicos
							OKACH DILANGO		al anu pinci 63	DCI VICE

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OEES Technical Information Systems RGEN Ver 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	B14EBA	B41AAA	B41AAD	B41ABA	B42GAA
OGDEN ID	B14EBA	B41AAA	B41AAD	B41ABA	B42GAA
Date Sampled	11/11/97	11/3/97	11/3/97	11/3/97	12/17/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31P (UG/KG)					
ALPHA BHC (ALPHA HEXACHL	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
BETA BHC (BETA HEXACHLOR	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
DELTA BHC (DELTA HEXACHL	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
GAMMA BHC (LINDANE)	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
HEPTACHLOR	2.00 U	2.10 U	2.00 U	2.00	2.10 U
ALDRIN	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
HEPTACHLOR EPOXIDE	2.00 U	2.10 U	2.00 U	2.00	2.10 U
ALPHA ENDOSULFAN	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
DIELDRIN	3.90 U	4.00 U	4.00 U	3.80 U	4.10 U
DDE (1,1-BIS(CHLOROPHENYL)	3.90 U	4.00 U	4.00 U	3.80	4.20
ENDRIN	3.90 U	4.00 U	4.00 U	3.80 U	4.10 U
BETA ENDOSULFAN	3.90 U	4.00 U	4.00 U	3.80 U	4.10 U
DDD (1,1-BIS(CHLOROPHENYL)	3.90 U	4.00 U	4.00 U	3.80 U	4.10 U
ENDOSULFAN SULFATE	3.90 U	4.00 U	4.00 U	3.80	4.10 U
DDT (1,1-BIS(CHLOROPHENYL)	3.90 U	8.50	9.80	3.80	13.00
METHOXYCHLOR	20.00 U	21.00 U	20.00 U	20.00	21.00 U
ENDRIN KETONE	3.90 U	4.00 U	4.00 U	3.80	4.10 U
ENDRIN ALDEHYDE	3.90 U	4.00 U	4.00 U	3.80 U	4.10 U
ALPHA-CHLORDANE	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
GAMMA-CHLORDANE	2.00 U	2.10 U	2.00 U	2.00 U	2.10 U
TOXAPHENE	200.00 U	210.00 U	200.00 U	200.00 U	210.00 U
PCB-1016 (AROCHLOR 1016)	39.00 U	40.00 U	40.00 U	38.00 U	41.00 U
PCB-1221 (AROCHLOR 1221)	U 00.67	82.00 U	U 00:18	U 07.00	84.00 U
PCB-1232 (AROCHLOR 1232)	39.00 U	40.00 U	40.00 U	38.00	41.00 U
PCB-1242 (AROCHLOR 1242)	39.00 U	40.00 U	40.00 U	38.00 U	41.00 U
					OPE

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OEES Technical Information Systems RGEN Ver 2q

Ogden Environmental and Energy Services

Validated MMR Data, Period 1-April-98 to 30-April-98

December 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/1977 11/	M ID ampled d Ae (UG/KG) Continued -1248 (AROCHLOR 1254) -1254 (AROCHLOR 1260) UG/KG)		1/3/97		B	41AAD			404			DAJCAA		
Particle	### 11/1/ ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ### 4 ##### 4 ### 4 ### 4 ### 4 ### 4 ### 4 #### 4 ### 4 ### 4 ##		1/3/97						B41ABA			D450MM		
Activity	d Ae (UG/KG) Continued -1248 (AROCHLOR 1248) -1254 (AROCHLOR 1254) -1260 (AROCHLOR 1260)	CODE			Ξ	1/3/97	1		11/3/97			12/17/97		
COCKGO Confinenced AMANTITOLI JANN BRY GRAL AMANTITOLI JA	e. 248 (AROCHLOR 1248) 254 (AROCHLOR 1254) 260 (AROCHLOR 1260) G/KG)	QUAL				1								
248) 39.00 U	39.00 254) 39.00 260) 39.00		ANALYTICAL LAB RESULT QUA	REV Q	ODE	ANALYTICAL LA RESULT QU	AB REV O	UAL	ANALYTICAL I RESULT	LAB REV QUAL QUAL	QUAL	ANALYTICAL L RESULT	AB REV	VI COD
RECHLOR 1248) 39.00 U 40.00 U 50.00 U 38.00 U 41.00 U 41.00 U 40.00 U	AROCHLOR 1254) 39.00 AROCHLOR 1260) 39.00													
Name	AROCHLOR 1260) 39.00 AROCHLOR 1260)		40.00	Ω		40.00	n		38.00	D		41.00	D	
National Continue	39.00 39.00		40.00			40.00	ח		38.00	ח		41.00		
ROP STOOM U	51 (VG/KG)		40.00	ח		40.00	n		38.00	D		41.00	D	
320.00 U 310.00 U 310														
BA S.70 U S.70 U S.70 U S.700 U	ALAPON		320.00	Ω		310.00	ח		300.00	מ		320.00	~	*
ROPROP CHILOROPHENOXYAC 5700 00 U 5900 00 U 59	ICAMBA		5.70			5.70	U		5.40	ח		5.90	<u>5</u>	
ROPROP TAILUNCOPHENOXYAC AJ C****9 5700.00 UJ C 5400.00 UJ C 22000.00 UJ C 22000.00 UJ C 22000.00 UJ S900 UJ	1CPP		5700.00	Ω		5700.00	ח		5400.00	D		2900.00	<u> </u>	
SF700 U SF700 U SF700 U SF900 U SF900 U SICHLOROPHENOXYAC 580 U 580 U 580 U 580 U 5900 U (24,5-TY) 580 U 580 U 580 U 660 U (TRICHLOROPHENOXYAC 2900 R 4 2800 R 4 580 U 6600 U (B 5800 U 5800 U 5800 U 6000 U CHLOROPHENOL 580 U 5800 U 5800 U 6000 U CHLOROPHENOL 580 U 5800 U 5700 U 6000 U AMA 580 U 5800 U 4500 U 6000 U AMA 46000 U 12000 U 4500 U 4700 U AMA 46.00	1CPA		6400.00		6, 8, 6	5700.00		P \	5400.00	UJ	C	22000.00	7	c
STOON U STOO	MCHI, OROPROP		57.00	Ω		57.00	D		54.00	ח		59.00	5	
(7.24,5-TP) (7.24,5-TP) (7.24,5-TP) (7.24,5-TP) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,0.00) (7.22,	,4-D (DICHI,OROPHENOXYAC		57.00	ח		57.00	U		54.00	n		59.00	5	
TRICILLOROPHENOXYA 3B CHLOROPHENOXYA 3B CHLOROPHENOXYA 3B CHLOROPHENOL CHLOROPHENOL CAM CHLOROPHENOL CAM AMBEN AMBEN JONEEN JONEEN JONEEN JONEEN JONEEN JONE THE MANAGE AND	ILVEX (2,4,5-TP)		5.80	Ω		5.80	n		5.50	n		00.9	n	
Same	,4,5-T (TRICHLOROPHENOXYA		5.80	Ω		5.80	ח		5.50	ח		00'9	5	
CHLOROPHENOL CHLOROPHENOL CHLOROPHENOL 21.00 R *4 20.00 R *4	INOSEB		29.00		4	29.00		4	28.00	×	*4	30.00	5	
3ENZOIC ACID 5.80 12.00 12.00 12.00 12.00 13.00 13.00 13.00 14.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.	,4 DB		58.00	Ω		58.00	D		55.00	D		00.09	5	
SENZOIC ACID 5.80 UJ C 5.80 UJ C 6.00 UJ A5.00 U 57.00 U 43.00 U 59.00 UJ A6.00 U 45.00 U 43.00 U 47.00 UJ A6.00 R 4 45.00 R 4 47.00 UJ	ENTACHLOROPHENOL		21.00		4	20.00		4	20.00	2	*4	21.00	ח	
3ENZOIC ACID 46.00 120.00 120.00 120.00 130.00 145.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 1	ICLORAM		5.80		()	5.80		F.)	5.50	Cl	၁	00.9	5	
46.00 U 45.00 U 43.00 U 47.00 U 120.00 U 120.00 U 120.00 U 120.00 U 46.00 R *4 45.00 R *4 47.00 U	,5-DICHLOROBENZOIC ACID		57.00	ם		57.00	n		54.00	n		59.00	5	
120.00 U 120	HLORAMBEN		46.00	Ω		45.00	D		43.00	D		47.00	5	
46.00 R *4 45.00 R *4 47.00 UJ	BENTAZON		120.00	n		120.00	Ω		110.00	ח		120.00	5	
	CIFLUORFEN		46.00		4	45.00		4	43.00	~	*4	47.00	5	

<PRG table not selected> oelec,

Validated MMR Data, Period 1-April-98 to 30-April-98

A B42HBA B42LBA B42LBA B42LBA B42LBA I2/17/97 I2/1	EPA NO	D420DA	B42HAA	D47TH	B42IAA	D42IDA
17/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97 12/17/97	OGDEN ID	B42GBA	B42HAA	B42HBA	B42IAA	B42IBA
Name	Date Sampled	12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
2.00 U 1.80 U ANALYTICAL JUAR GODE ANALYTICAL GODE <th>Depth</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Depth					
2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 3.50 U 3.80 U 3.50 U 3.50 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV QUAL QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.00 U 1.80 U 2.00 U 3.80 U 3.50 U 3.90 U 3.80 U 3.90 U U 3.90 U 3.80	OM31P (UG/KG)					
2.00 U 1.80 U 2.00 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U	ALPHA BHC (ALPHA HEXACHL	1.90	2.00 U			1.80 U
2.00 U 1.80 U 2.00 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U	BETA BHC (BETA HEXACHLOR	1.90	2.00 U			U.80 U
2.00 U 1.80 U 2.00 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U	DELTA BHC (DELTA HEXACHL					1.80 U
2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 2.00 U 2.00 U 3.50 U 3.50 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 3.50 U	GAMMA BHC (LINDANE)					1.80 U
2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 2.00 U 2.00 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U	HEPTACHLOR					1.80 U
2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 3.90 U 3.80 U 3.50 U 3.90 U 2.00 U 3.90 U 0 U 2.00 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 3.90 U U 0 2.00 U 3.90 U <	ALDRIN					U 08.1
2.00 U 1.80 U 2.00 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 8.60 U 2.00 U 3.50 U 8.60 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 38.00 U 3.90 U U 3.90 U 38.00 U 3.90	HEPTACHLOR EPOXIDE					1.80 U
3.80 U 3.50 U 3.60 J 3.80 U 3.50 U 3.90 U 20.00 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 2.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	ALPHA ENDOSULFAN	-				1.80 U
3.80 U 3.50 U 3.60 J 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 8.60 U 20.00 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 3.90 U U 38.00 U <t< td=""><td>DIELDRIN</td><td></td><td></td><td></td><td></td><td>3.50 U</td></t<>	DIELDRIN					3.50 U
3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 20.00 U 3.50 U 8.60 U 20.00 U 3.50 U 3.90 U 20.00 U 3.50 U 3.90 U 20.00 U 3.50 U 3.90 U 20.00 U 1.80 U 2.00 U 20.00 U 35.00 U 39.00 U 38.00 U 35.00 U 80.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	DDE (1,1-BIS(CHLOROPHENYL)	3.70	80			3.50 U
3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 8.60 U 20.00 U 3.50 U 8.60 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 3.90 U 2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 2.00 U 38.00 U 35.00 U 80.00 U 38.00 U 35.00 U 80.00 U 38.00 U 35.00 U 39.00 U	ENDRIN		80			3.50 U
3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 20.00 U 3.50 U 20.00 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 0.0 U 2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 2.00 U 38.00 U 35.00 U 80.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	BETA ENDOSULFAN					3.50 U
3.80 U 3.50 U 8.60 U 20.00 U 3.50 U 8.60 U 20.00 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 0.0 U 2.00 U 1.80 U 2.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	DDD (1,1-BIS(CHLOROPHENYL)	3.70				3.50 U
3.80 U 3.50 U 8.60 20.00 U 18.00 U 20.00 U 3.80 U 3.50 U 3.90 U 2.00 U 3.50 U 2.00 U 2.00 U 2.00 U U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	ENDOSULFAN SULFATE					3.50 U
20.00 U 18.00 U 3.90 U 3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 2.00 U 2.00 U 1.80 U 2.00 U 2.00 U 180.00 U 39.00 U 38.00 U 35.00 U 80.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	DDT (1,1-BIS(CHLOROPHENYL)	3.70			8.60	3.50 U
3.80 U 3.50 U 3.90 U 3.80 U 3.50 U 3.90 U 2.00 U 1.80 U 2.00 U 2.00 U 2.00 U U 38.00 U 35.00 U 80.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	METHOXYCHLOR					18.00 U
3.80 U 3.50 U 3.90 U 2.00 U 1.80 U 2.00 U 2.00 U 2.00 U 0.0 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	ENDRIN KETONE					3.50 U
2.00 U 1.80 U 2.00 U 2.00 U 1.80 U 2.00 U 30.00 U 35.00 U 39.00 U 78.00 U 35.00 U 80.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	ENDRIN ALDEHYDE					3.50 U
2.00 U 1.80 U 2.00 U 300.00 U 180.00 U 39.00 U 38.00 U 35.00 U 80.00 U 38.00 U 35.00 U 39.00 U 38.00 U 35.00 U 39.00 U	ALPHA-CHLORDANE					1.80 U
38.00 U 180.00 U 200.00 U 38.00 U 35.00 U 39.00 U 78.00 U 80.00 U 39.00 U 38.00 U 35.00 U 39.00 U	GAMMA-CHLORDANE					1.80 U
38.00 U 35.00 U 39.00 U 72.00 U 80.00 U 39.00 U 38.00 U 35.00 U 39.00 U 39.00 U 39.00 U	TOXAPHENE					180.00 U
78.00 U 72.00 U 80.00 U 38.00 U 39.00 U 39.00 U 39.00 U	PCB-1016 (AROCHLOR 1016)					35.00 U
38.00 U 35.00 U 39.00 U 39.00 U 38.00 U	PCB-1221 (AROCHLOR 1221)					72.00 U
38.00 U 35.00 U 39.00 U	PCB-1232 (AROCHLOR 1232)					35.00 U
	PCB-1242 (AROCHLOR 1242)					35.00 U
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Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	B42GBA	B421	B42HAA		B42HBA		B42IAA		B42IBA		
OGDEN ID	B42GBA	B421	B42HAA		B42HBA		B42IAA		B42IBA		
Date Sampled	12/17/97	12/17/97	1611		12/17/97		12/17/97		12/17/97		
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		NALYTICAL LA RESULT QU	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	EV QUA
OM31P (UG/KG) Continued											
PCB-1248 (AROCHLOR 1248)	37.00 U		38.00	D	35.00	n	39.00	n	35.00		n
PCB-1254 (AROCHLOR 1254)	37.00 U		38.00	n	35.00	D	39.00	D	35.00		n
PCB-1260 (AROCHLOR 1260)	37.00 U	_	38.00	n	35.00	n	39.00	D	35.00		n
8151 (UG/KG)											
DALAPON	290.00 R *4		300.00	R *4	280.00	R *4	310.00	R *4	280.00		R *4
DICAMBA	5.30 UJ C		5.50	UJ C	2.00	UJ C	5.60	UJ C	5.00		UJ C
MCPP	5300.00 UJ C		5500.00	UJ C	5000.00	UJ C	2600.00	UJ C	5000.00		UJ C
MCPA	5300.00 UJ C		18000.00	NJ C,*8	*8,*9 5000.00	UJ C	42000.00	NJ C,*	,*8, *9 5000.00		UJ C
DICHLOROPROP	53.00 UJ C		55.00	UJ C	50.00	UJ C	56.00	UJ C	50.00		UJ C
2,4-D (DICHLOROPHENOXYAC	53.00 UJ C		55.00	UJ C	50.00	UJ C	56.00	UJ C	50.00		CI C
SILVEX (2,4,5-TP)	5.40 UJ C		5.60	UJ C	5.20	UJ C	5.70	UJ C	5.20		UJ C
2,4,5-T (TRICHLOROPHENOXYA	5.40 UJ	*4,C	2.60	UJ *4,C	5.20	UJ *4,C	5.70	UJ *4,C	5.20		UJ *4,C
DINOSEB	27.00 UJ	··- <u></u>	28.00	UJ C	26.00	UJ C	28.00	UJ C	26.00		CI C
2,4 DB	54.00 UJ C		96.00	UJ C	52.00	UJ C	57.00	UJ C	52.00		UJ C
PENTACHLOROPHENOL	U 00.61		20.00	n	18.00	n	20.00	n	18.00		CI C
PICLORAM	5.40 UJ C		5.60	UJ C	5.20	UJ C	5.70	UJ C	5.20		UJ C
3,5-DICHLOROBENZOIC ACID	53.00 UJ C		55.00	UI C	50.00	UJ C	26.00	UJ C	50.00		UJ C
CHLORAMBEN	42.00 UJ C		44.00	UI C	40.00	UJ C	45.00	UJ C	40.00		UJ C
BENTAZON	110.00 UJ C		120.00	OI C	110.00	UJ C	120.00	UJ C	110.00		CI C
ACIFLUORFEN	42.00 UJ C		44.00	UJ C	40.00	UJ C	45.00	u c	40.00		UJ C
D.MMR\PROGRAMS\GRP_LDB (2032 of 2032 records) 05/07/98 17:23.1 read by mlboyajian	.032 of 2032 records) 05/0'	7/98 17:2	3.1 read by	mlboyajian			Ogden E	nvironmer	Ogden Environmental and Energy Services	ergy S	Servic

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OEES Technical Information Systems RGEN Ver. 2q

Validated MMR Data, Period 1-April-98 to 30-April-98

EPA NO	B42JAA		B42JBA		B42KAA	B42KBA	BM6CAA
OGDEN ID	B42JAA		B42JBA		B42KAA	B42KBA	BM6CAA
Date Sampled	12/17/97		12/17/97		12/17/97	12/17/97	10/31/97
Depth							
Method Analyte	ANALYTICAL I	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAL	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31P (UG/KG)							
ALPHA BHC (ALPHA HEXACHL	2.00	n	1.90		2.10 U	2.00 U	2.00 U
BETA BHC (BETA HEXACHLOR	2.00	n	1.90		2.10 U	2.00 U	2.00 U
DELTA BHC (DELTA HEXACHL	2.00	n	1.90		2.10 U	2.00 U	2.00 U
GAMMA BHC (LINDANE)	2.00	n	1.90		2.10 U	2.00 U	2.00 U
HEPTACHLOR	2.00	n	1.90		2.10 U	2.00 U	2.00
ALDRIN	2.00	n	1.90	n	2.10 U	2.00 U	2.00 U
HEPTACHLOR EPOXIDE	2.00	n	1.90		2.10 U	2.00	2.00
ALPHA ENDOSULFAN	2.00	n	1.90	n	2.10 U	2.00 U	2.00 U
DIELDRIN	4.00	D	3.80	n	4.00 U	3.80 U	3.80 U
DDE (1,1-BIS(CHLOROPHENYL)) 4.00	n	3.80	n	2.60 J	3.80 U	2.90 J
ENDRIN	4.00	n	3.80	n	4.00 U	3.80 U	3.80 U
BETA ENDOSULFAN	4.00	n	3.80	n	4.00 U	3.80 U	3.80 U
DDD (1,1-BIS(CHLOROPHENYL)	7.00	n	3.80	n	4.00 U	3.80 U	3.80 U
ENDOSULFAN SULFATE	4.00	n	3.80	n	4.00 U	3.80 U	3.80 U
DDT (1,1-BIS(CHLOROPHENYL)) 4.00	n	3.80	n	4.00 J	3.80 U	4.70
METHOXYCHLOR	20.00	n	19.00	_ _	21.00 U	20.00 U	20.00 U
ENDRIN KETONE	4.00	n	3.80	n	4.00 U	3.80 U	3.80 U
ENDRIN ALDEHYDE	4.00	D	3.80	n	4.00 U	3.80 U	3.80 U
ALPHA-CHLORDANE	2.00	n	1.90	n	2.10 U	2.00 U	2.00 U
GAMMA-CHLORDANE	2.00	D	1.90	n	2.10 U	2.00 U	2.00 U
TOXAPHENE	200.00	D	190.00	n	210.00 U	200.00 U	Z00.00 U
PCB-1016 (AROCHLOR 1016)	40.00	n	38.00	n	40.00 U	38.00 U	38.00 U
PCB-1221 (AROCHLOR 1221)	81.00	n	00.97	n	82.00 U	U 77.00	U 00.87
PCB-1232 (AROCHLOR 1232)	40.00	n	38.00	n	40.00 U	38.00 U	38.00
PCB-1242 (AROCHLOR 1242)	40.00	n	38.00	n	40.00 U	38.00 U	38.00 U
D:WMRRPROGRAMS/GRP_LDB (2032 of 2032 records) 05/07/98 17:23.1 read by mlboyajian	2032 of 2032 red	ords) 05/07/9	98 17:23.1 read by mlt	oyajian		Ogden Environmen	Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP I: Soil Data for Methods 8151 and OM31P

EPA NO	B42JAA	B42JBA	B4	B42KAA		B42KBA		BM6CAA		
OGDEN ID	B42JAA	B42JBA	B4	B42KAA		B42KBA		BM6CAA		
Date Sampled	12/17/97	12/17/97	12	12/17/97		12/17/97		10/31/97		
Depth				ĺ		j				
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	EV QUAL	ANALYTICAL LA RESULT Q	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUA	QUAL
OM31P (UG/KG) Continued										
PCB-1248 (AROCHLOR 1248)	40.00 U	38.00 U		40.00	n	38.00	n	38.00	D	
PCB-1254 (AROCHLOR 1254)	40.00 U	38.00 U		40.00		38.00	n	38.00	n	
PCB-1260 (AROCHLOR 1260)	40.00 U	38.00 U		40.00	D	38.00	D	38.00	n	
8151 (UG/KG)										
DALAPON	310.00 R *4	300.00 R	*4	320.00	R *4	300.00	R *4	300.00	ם	
DICAMBA	5.70 UJ C	5.30 UJ	- c	5.70	u c	5.40	UJ C	5.50	D	
MCPP	5700.00 UJ C	5300.00 UJ	C	5700.00	UJ C	5400.00	UJ C	5500.00	ב	
MCPA	31000.00 NJ C,*	*8,*9 5300.00 UJ	C	24000.00	NJ C, *8, *9	9 5400.00	UJ C	5500.00	ם	
DICHLOROPROP	57.00 UJ C	53.00 UJ		57.00	UJ C	54.00	UJ C	55.00	ם	
2,4-D (DICHLOROPHENOXYAC	57.00 UJ C	53.00 UJ	- c	57.00	UJ C	54.00	UJ C	55.00	D	
SII.VEX (2,4,5-TP)	5.80 UJ C	5.40 UJ	ر د	5.80	u c	5.50	UJ C	5.60	D	
2,4,5-T (TRICHLOROPHENOXYA	A 5.80 UJ *4,C	C 5.40 UJ	*4,C	5.80	UJ *4,C	5.50	UJ *4,C	5.60	D	
DINOSEB	29.00 UJ	27.00 UJ	_ _	29.00	8 0	28.00	UJ C	28.00	2	*4
2,4 DB	58.00 UJ C	54.00 UJ		58.00	u c	55.00	UJ C	56.00	n	
PENTACHLOROPHENOL	20.00 UJ C	UJ 00:61	- c	21.00	UJ C	20.00	UJ C	20.00	×	*4
PICI, ORAM	5.80 UJ C	5.40 UJ	- c	5.80	UJ C	5.50	UJ C	5.60	ח	
3,5-DICHLOROBENZOIC ACID	57.00 UJ C	53.00 UJ	C	57.00	u c	54.00	UJ C	55.00	ח	
CHLORAMBEN	45.00 UJ C	43.00 UJ	_ C	46.00	UJ C	43.00	UJ C	44.00	D	
BENTAZON	120.00 UJ C	110.00 UJ		120.00	UJ C	110.00	OI C	120.00	D	
ACIFLUORFEN	45.00 UJ C	43.00 UJ	C	46.00	<u>م</u>	43.00	R Q	44.00	2	*4
										ndəəT ö
D:MMRNPROGRAMS/GRP_LDB (2032 of 2032 records) 05/07/98 17:23.1 read by mlboyajian	2032 of 2032 records) 05/07	/98 17:23.1 read by mlboyaj	ian			Ogden En	vironmen	Ogden Environmental and Energy Services	ev Se	rvices

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Validated MMR Data, Period 1-April-98 to 30-April-98

EFA NO	BM6CAD	BM8AAA	BM8BAA	BM8CAA	BM8CAD
OGDEN ID	BM6CAD	BM8AAA	BM8BAA	BM8CAA	BM8CAD
Date Sampled	10/31/97	10/31/97	10/31/97	10/31/97	10/31/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31P (UG/KG)					
ALPHA BHC (ALPHA HEXACHL	2.00 U	U 06:1	2.00 U	2.00 U	2.00 U
BETA BHC (BETA HEXACHLOR	2.00 U	U 06:1	2.00 U	2.00 U	2.00 U
DELTA BHC (DELTA HEXACHL	2.00 U	U 06.1	2.00 U	2.00 U	2.00 U
GAMMA BHC (LINDANE)	2.00 U	U 06:1	2.00 U	2.00 U	2.00 U
HEPTACHLOR	2.00 U	U 06:1	2.00 U	2.00 U	2.00 U
ALDRIN	2.00 U	U 06:1	2.00 U	2.00	2.00 U
HEPTACHLOR EPOXIDE	2.00 U	U 06:1	2.00 U	2.00 U	2.00 U
ALPHA ENDOSULFAN	2.00 U	U 06:1	2.00 U	2.00 U	2.00 U
DIELDRIN	3.80	3.70 U	3.80	3.80 U	3.80 U
DDE (1,1-BIS(CHLOROPHENYL)	3.00	3.70 U	2.80 J	I.80 J	3.20 J
ENDRIN	3.80 U	3.70 U	3.80 U	3.80 U	3.80 U
BETA ENDOSULFAN	3.80 U	3.70 U	3.80 U	3.80 U	3.80 U
DDD (1,1-BIS(CHLOROPHENYL)	3.80 U	3.70 U	3.80	3.80 U	3.80 U
ENDOSULFAN SULFATE	3.80 U	3.70 U	3.80 U	3.80 U	3.80 U
DDT (1,1-BIS(CHLOROPHENYL)	4.90	2.50 J	6.50	2.10 J *11	4.60
METHOXYCHLOR	20.00 U	U 0001	20.00 U	20.00 U	20.00 U
ENDRIN KETONE	3.80 U	3.70 U	3.80 U	3.80	3.80 U
ENDRIN ALDEHYDE	3.80 U	3.70 U	3.80 U	3.80 U	3.80 U
ALPHA-CHLORDANE	2.00 U	U 06.1	2.00 U	2.00 U	2.00 U
GAMMA-CHLORDANE	2.00 U	1.90 U	2.00 U	2.00 U	2.00 U
TOXAPHENE	200.000 U	U 00:001	200.00 U	200.00	200.00 U
PCB-1016 (AROCHLOR 1016)	38.00 U	37.00 U	38.00 U	38.00 U	38.00 U
PCB-1221 (AROCHLOR 1221)	78.00 U	75.00 U	U 00.87	U 07.70	U 00.87
PCB-1232 (AROCHLOR 1232)	38.00 U	37.00 U	38.00 U	38.00 U	38.00 U
PCB-1242 (AROCHLOR 1242)	38.00 U	37.00 U	38.00 U	38.00 U	38.00 U

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP I: Soil Data for Methods 8151 and OM31P

Districted Dis						
10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97 10/31/97	OGDEN ID	MecaD	BM8AAA	BM8BAA	BM8CAA	BM8CAD
CONTINUED CONT	pa	0/31/97	10/31/97	10/31/97	10/31/97	10/31/97
Continued	Depth					
Continued State Stat	thod nalyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUA RESULT QUAL QUAL COI
ROCHLOR 1248 38 00 U 37 00 U 38 00 U 3	131P (UG/KG) Continued					
Name	CB-1248 (AROCHLOR 1248)					
SOCIETY SOCI	CB-1254 (AROCHLOR 1254)					
Solution	CB-1260 (AROCHLOR 1260)					
ON 300.00 U 290.00 U 300.00 U 5500 U	I (UG/KG)					
BA 5.50 U	ALAPON					
ROPROP S500 00 U 5300 00 U 5300 00 U 5500 00 U	ICAMBA					
SSOCORD U	ICPP					
PROPROP 55.00 U 53.00 U 55.00 U	ICPA		C	N	8900.00	
CHICOROPHENOXYAC 55.00 U 5.40 U 5.50 U	ICHLOROPROP					
(TRICHLOROPHENOXYA 5.60 U 5.40 U 5.40 U 5.60 U 5.60 U 5.60 U 5.50 U 5.60	4-D (DICHLOROPHENOXYAC					
TRICHLOROPHENOXYA 5.60 U 5.40 U 5.40 U 5.60 U 5.60 U 5.60 U 5.50 U 5.60	LVEX (2,4,5-TP)					
3B 28.00 R *4 27.00 R *4 28.00 R *4 20.00 R *4 40.00 R *4 *40.00 R *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4	4,5-T (TRICHLOROPHENOXYA					
S6.00 U 54.00 U 56.00 U 55.00 U 56.00 W 44.00 R 44 20.00 R 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 4	NOSEB	~	~	2	×	R
DPHENOL. 20.00 R *4 19.00 R *4 20.00	4 DB	S6.00 U				
SENZOIC ACID S5.00 U S	ENTACHLOROPHENOL	×	2	~	2	×
SENZOIC ACID 55.00 U 55.00 U 55.00 U 55.00 U 55.00 U 44.00 R 44.00 R 44.00 R 44.00 R 44.00 R 44.00 R 84.00	CLORAM		n	n	m	
44.00 U 42.00 U 44.00 U 43.00 U 44.00 R *4 44.00 R	5-DICHLOROBENZOIC ACID					
120.00 U 110.00 U 120.00 U 110.00 U 120.00 U 120.00 U 120.00 U R *4 44.00 R *4 43.00 R *4 44.00 R *4 44.00 R R *4 44.00 R *4 44.00 R *4 44.00 R R *4 44.00 R *4	HORAMBEN					
44.00 R *4 42.00 R *4 44.00 R *4 43.00 R *4 44.00 R *4	ENTAZON					
	CIFLUORFEN	×	~	2	2	R

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP J: Water Data for Methods 8151 and OL21P

NIDD WO2DDA WO4DSSA WO7DDA WO7DDA<		WIJUNA
Maintenance	W07SSA	W17DDA
NAME-YTG-24 LAB REV QUAL	10/31/97	11/11/97
The color of the		
1	QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE	E ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.30 U 2.30 U 0.10 U		
ROP U 910 U 9500 U 9500 U 9700 U 9700 U 9700 U PROP U 9500 U 9700 U PROP U 9400 U 9500 U U 9700 U PROP U 9400 U 9700 U PROP U 9700 U U 9700 U U PROP U PROP U 9700 U U U PROP U PROP U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U	2.50 U	2.30 U
ROP 94.00 U 95.00 U 95.00 U 97.00 U C 96.00 U C 96.00 U C 96.00 U C PROP U U PROP U PROP U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </td <td>0.10 U</td> <td>U 0.09</td>	0.10 U	U 0.09
ROP 93.00 U 94.00 UJ C 96.00 UJ C LOROPHENOXYAC 0.94 U 0.95 U 0.97 U C 5-TP) 0.10 U 0.95 U 0.97 U U 5-TP) 0.10 U 0.97 U 0.97 U U 3-TP) 0.10 U 0.97 U 0.97 U U 0.97 U 3-TP) 0.10 U 0.01 U 0.02 U </td <td>100.00</td> <td>94.00 U</td>	100.00	94.00 U
ROP 0.94 U 0.95 U 0.97 U LOROPHENOXYAC 0.94 U 0.95 U 0.97 U 5-TP) 0.10 U 0.95 U 0.97 U CHLOROPHENOXYA 0.10 U 0.10 U 0.10 U CHLOROPHENOXYA 0.10 U 0.10 U 0.10 U 0.10 CHLOROPHENOXYA 0.10 U 0.01 U 0.01 U 0.01 U 0.01 CHLOROPHENOXYA 0.028 U 0.029 U 0.01 U 0.01 U 0.02 U 0.02 U U 0.02 U 0		93.00 U
LOROPHENOXYAC 0.94 U 0.95 U 0.97 U 5-TP) 0.10 U 0.10 U 0.10 U 0.10 U CHLOROPHENOXYA 0.10 U 0.10 U 0.10 U 0.10 U CHLOROPHENOXYA 0.10 U 0.10 U 0.10 U 0.10 U CHLOROPHENOXYA 0.09 U 0.09 U 0.09 U 0.00 U	1.00 U	0.94 UJ C
5-TP) 0.10 U 0.0 0.0 U 0.	1.00 U	0.94 U
CHLOROPHENOXYA 0.10 U U 0.09 U 1.00 U U U U 0.09 U 0.09 U U 0.09 U U U U 0.02 U U 0.09 U U 0.09 U U 0.09 <	U 0.10	U 0.10
OPOSI U 0.99 U 1.00 U OROPHENOL 0.24 U 0.96 U 0.98 U OROPHENOL 0.23 R *4 0.24 U 0.98 U ROBENZOIC ACID 0.93 R *4 0.23 R *4 0.29 R *4 SEN 0.075 R *4 0.76 R *4 0.77 R *4 SEN 0.075 R *4 0.76 R *4 0.77 R *4 EN 0.075 R *4 0.76 U *4 0.77 R *4 EN *4 0.76 U *4 0.77 R *4 EN *4 0.76 U *4 0.77 R *4 BETA HEXACHL 0.01 U 0.01 U U 0.01 U 0.01 U 0.01 C	0.10 U	0.10 U
OROPHENOL 0.95 U 0.96 U 0.98 U 0.98 U OROPHENOL 0.24 U 0.24 U 0.24 U 0.25 U 0.25 U ROBENZOIC ACID 0.94 U 0.24 U 0.28 R *4 0.29 R *4 SEN 0.075 R *4 0.05 U 0.07 R *4 SEN 0.075 R *4 0.076 U C 0.077 R *4 SEN 0.075 U 0.076 U 0.077 U C 0.077 U C CALPHA HEXACHL 0.01 U 0.01 U <td>1.10 U</td> <td>0.98 UJ C</td>	1.10 U	0.98 UJ C
OROPHENOL 0.24 U 0.24 U 0.24 U 0.28 R *4 0.25 U *4 0.29 R *4 ROBENZOIC ACID 0.94 U *4 0.28 R *4 0.29 R *4 BEN 2.00 R *4 0.76 R *4 0.07 U R FEN 0.75 R *4 0.76 U R *4 0.07 U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U <td>1.00 U</td> <td>U 0.95</td>	1.00 U	U 0.95
ROBENZOIC ACID 0.28 R *4 0.28 R *4 0.28 R *4 0.28 R *4 0.29 R *4 4 0.29 R *4	0.26 U	0.24 U
ROBENZOIC ACID 0.94 U 0.95 U 0.97 U BEN 0.75 R *4 0.76 R *4 0.77 R *4 SEN 2.00 R *4 0.76 U 2.10 U *4 EN 0.05 U 0.06 U 2.10 U *4 EN 0.75 U 0.76 U C 0.77 R *4 CALPHA HEXACHI. 0.01 U 0.07 U 0.07 U 0.07 U C BETA HEXACHI. 0.01 U		0.28 R *4
SEN 0.75 R *4 0.76 R *4 0.76 R *4 0.77 R *4 *4 0.76 R *4 *4 0.77 R *4 *4 *4 0.77 R *4 *4 0.77 R *4 *4 *4 0.77 R *4 *4 0.77 R *4 *4 *4 *4 *4 0.77 R *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *4	1.00 U	0.94 UJ C
EN 2.00 R *4 2.00 U 2.10 U EN 0.75 U 0.76 U C 0.77 U U CALPHA HEXACHL 0.01 U 0.01 U 0.01 U 0.01 U BETA HEXACHLOR 0.01 U 0.01 U 0.01 U 0.01 U CLINDANE) 0.01 U 0.01 U 0.01 U 0.01 U CLINDANE) 0.01 U 0.01 U 0.01 U 0.01 U OR 0.01 U 0.01 U 0.01 U U 0.01 U DAR 0.01 U 0.01 U 0.01 U U U DAR 0.01 U 0.01 U 0.01 U U U DAR 0.01 U 0.01 U 0.01 U U <t< td=""><td></td><td>0.75 R *4</td></t<>		0.75 R *4
EN 0.75 U 0.76 UJ C 0.77 UJ C CALPHA HEXACHL 0.01 U 0.01 U <td>2.20 U</td> <td>2.00 U</td>	2.20 U	2.00 U
SETA HEXACHL 0.01 U U U U U U U U U		0.75 UJ C
CACHL 0.01 U 0.01 U 0.01 U 2HLOR 0.01 U 0.01 U 0.01 U CACHL 0.01 U 0.01 U 0.01 U CACHL 0.01 U 0.01 U 0.01 U ACHL 0.01 U 0.01 U 0.01 U		
HLOR 0.01 U 0.01 U 0.01 U 0.01 U ACHL 0.01 U 0.01 U 0.01 U	U 0.01	U 0.01
(ACHL) 0.01 U 0.01 U 0.01 U	0.01 U	U 0.01
0.01 U 0.001 U	U 0.01	U 0.01
0.01 U 0.00 U 0.01 U 0.	U 0.01	U 10.0
0.01 U 0.	U 0.01	U 0.01
0.01 U 0.00 U 0.01 U 0.00 U 0.01 U 0.	U 0.01	U 0.01
0.01 U 0.01 U 0.01 U	0.01 U	U 0.01
	U 0.01	U 0.01

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP J: Water Data for Methods 8151 and OL21P

OGDEN ID Date Sampled 11/19/97 Depth Method Analyte	DDA	MARGA	WOZDDA	WINDON A		
ampled 11/1 d		W0455A	WOLLDA	WU/SSA	W17DDA	
d yte	16/1	11/4/97	10/31/97	10/31/97	11/11/97	
9						
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV OR RESULT QUAL QUAL C	QUAL
OL21P (UGL) Continued						
DIELDRIN	0.02 U	0.02 U	0.02	0.02 U	0.02 U	
DDE (1,1-BIS(CHLOROPHENYL)	0.02 U	0.02 U	0.02	0.02	0.02 U	
ENDRIN	0.02 U	0.02 U	0.02 U	0.02	0.02 U	
BETA ENDOSULFAN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
DDD (1,1-BIS(CHLOROPHENYL)	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
DDT (1,1-BIS(CHLOROPHENYL)	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
METHOXYCHLOR	0.10 U	0.10 U	U 0.10	U 0.10	0.10 U	
ENDRIN KETONE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
ALPHA-CHLORDANE	U 10:0	U 10:0	0.01 U	0.01 U	U 10.0	
GAMMA-CHLORDANE	U 0.01	U 10:0	U 0.01	U 0.01	0.01 U	
TOXAPHENE	1.00 U	1.00 U	U 00.1	1.00 U	1.00 U	
PCB-1016 (AROCHLOR 1016)	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	
PCB-1221 (AROCHLOR 1221)	0.40 U	0.40 U	0.41 U	0.40 U	0.42 U	
PCB-1232 (AROCHLOR 1232)	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	
PCB-1242 (AROCHLOR 1242)	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	
PCB-1248 (AROCHLOR 1248)	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	
PCB-1254 (AROCHLOR 1254)	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	
PCB-1260 (AROCHLOR 1260)	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP J: Water Data for Methods 8151 and OL21P

	WI/SSA	W17SSD	W23M2A		W23M3A	W23M3D	Ci	
OGDEN ID	W17SSA	W17SSD	W23M2A		W23M3A	W23M3D	JD	
Date Sampled	11/10/97	11/10/97	11/11/97		11/13/97	11/13/97	7	
Depth								
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	QUAL ANALYTICAL LAB REV L CODE RESULT QUAL QUAL	TEV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL
8151 (UG/L)								
DALAPON	2.30 U	2.40 U	2.30	n	2.30 U		2.30	UJ S
DICAMBA	0.10 U	U 0.10	1 60.0	D	0.10 U		0.10	UJ S
MCPP	O0.96	U 00.86	94.00	'n	05.00 U		95.00	UJ S
MCPA	05:00 U	U 00.76	93.00	n	94.00 U		94.00	UJ S
DICHLOROPROP	0.96 UJ C	UJ 86.0	C 0.94	UJ C	0.95 U		0.95	UJ S
2,4-D (DICHLOROPHENOXYAC	0.96 U	U 86.0	0.94	n	0.95 U		0.95	UJ S
SILVEX (2,4,5-TP)	0.10 U	U 0.10	0.10	n	0.10 U		0.10	UJ S
2,4,5-T (TRICHLOROPHENOXYA	0.10 U	U 0.10	0.10	'n	U 0.10		0.10	UJ S
DINOSEB	1.00 UJ C	1.00 UJ	C 0.98	UJ C	0.99 UJ C		0.99	UJ C,S
2,4 DB	U 26.0	U 66.0	1 56.0	n	0.96 U		96.0	UJ S
PENTACHLOROPHENOL	0.24 U	0.25 U	0.24	n	0.24 U		0.17	S
PICLORAM	0.28 R *4	0.29 R	*4 0.28 I	R Q,*4	0.28 R *4		0.28	R *4
3,5-DICHLOROBENZOIC ACID	0.96 UJ C	UJ 86.0	C 0.94	u c	U 56.0		0.95	UJ S
CHLORAMBEN	0.76 R *4	0.78 R	*4 0.75 I	R Q,*4	0.76 R *4		0.76	R *4
BENTAZON	2.00 U	2.10 U	2.00	ם	2.00 R *4		2.00	R *4
ACIFLUORFEN	0.76 UJ C	UJ 87.0	C 0.75	u c	0.76 UJ C,*4	*4	0.76	UJ C,S,*4
OL21P (UGA.)								
ALPHA BHC (ALPHA HEXACHL	0.01 U	U 10:0	10.0	n	0.01 U		0.01	n
BETA BHC (BETA HEXACHLOR	0.01 U	U 0.01	10.0	n	0.01 U		0.01	n
DELTA BHC (DELTA HEXACHL	0.01 U	U 10:0	10.01	n	0.01 U		0.01	n
GAMMA BHC (LINDANE)	0.01 U	U 10:0	10.0	n	0.01 U		0.01	n
HEPTACHLOR	0.01 U	U 10:0	1 0.01	n	U 10.0		0.01	n
ALDRIN	0.01 U	U 10.0	1 0.01	n	U 0.01		0.01	n
HEPTACHLOR EPOXIDE	0.01 U	U 0.01	10.0	n	U 10.0		0.01	n
ALPHA ENDOSULFAN	0.01 U	U 0.01	0.01	n	U 10:0		0.01	n

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Ogden Environmental and Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP J: Water Data for Methods 8151 and OL21P

No. 2002 U. 1. Section U. Section U. 1. Section U.	EPA NO	W17SSA	W17SSD	W23M2A	W23M3A	W23M3D
Part	OGDEN ID	W17SSA	W17SSD	W23M2A	W23M3A	W23M3D
CUGZI Continued AMALTICAL LAIN BELL PORT COLOR DESCRIPTION	Date Sampled	11/10/97	11/10/97	11/11/97	11/13/97	11/13/97
CATCH CALL NO. C	Depth					
0.02 U 0.03 U 0.	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL
PHENY1, 0.02 U 0	OL21P (UG/L) Continued					
0.02 U 0.02 U 0.02 U 0.03 U 0.02 U 0.02 U 0.04 U 0.02 U 0.02 U 0.01 U 0.01 U 0.01 U 0.02 0.02 U 0.02 U 0.04 U 0.04 U 0.04 U 0.02 U 0.02 U 0.02 U 0.02 U 0.02 U 0.02 U 0.02 U 0.02 U	DIELDRIN		0.02			
0.02 U 0.02 U 0.02 U 0.03 U 0.02 U 0.02 U 0.04 U 0.02 U 0.02 U 0.01 U 0.02 U 0.02 U 0.02 U 0.02 U 0.02 U 0.20 U 0.02 U 0.04 U 0.20 U 0.02 U 0.02 U 0.20 U 0.02 U 0.02 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U	DDE (1,1-BIS(CHLOROPHENYL)	0.02			0.02	
0.02 U 0.02 U 0.02 U 0.03 U 0.02 U 0.02 U 0.02 U 0.02 U 0.02 U 0.01 U 0.02 U 0.02 U 0.01 U 0.01 U 0.01 U 0.20 U 0.02 U 0.02 U 0.20 U 0.20 U 0.20 U 0.20 U	ENDRIN					
0.02 U 0.02 U 0.02 U 0.03 U 0.02 U 0.02 U 0.01 U 0.01 U 0.02 U 0.02 0.01 U 0.01 U 0.01 U 0.01 U 0.20 U 0.20 U 0.02 U 0.04 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20	BETA ENDOSULFAN					
0.02 U 0.02 U 0.02 U 0.01 U 0.01 U 0.02 U 0.01 U 0.01 U 0.01 U 0.02 U 0.00 U 0.01 U 0.20 U 0.20 U 0.20 U 0.20 U	DDD (1,1-BIS(CHLOROPHENYL)	0.05				
0.02 U 0.02 U 0.02 U 0.10 U 0.10 UJ C 0.10 UJ 0.02 U 0.02 U 0.02 U UJ UJ U UJ UJ U UJ U UJ UJ </td <td>ENDOSULFAN SULFATE</td> <td>0.05</td> <td></td> <td></td> <td></td> <td></td>	ENDOSULFAN SULFATE	0.05				
0.10 U 0.10 U C 0.10 U C 0.02 U 0.03	DDT (1,1-BIS(CHLOROPHENYL)	0.02				
0.02 U 0.02 U 0.02 U 0.02 U 0.02 U 0.02 U 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.20 U 0.20 U 0.20 U	METHOXYCHLOR	0.10			n	m
0.02 U 0.02 U 0.01 U 0.020 U 0.20 U 0	ENDRIN KETONE					
0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.20 U 0.20 U 0.20 U	ENDRIN ALDEHYDE					
0.01 U 0.01 U 0.01 U 1.00 U 1.00 U 1.00 U 0.20 U 0.20 U 0.20 U Ogden Environmental and Energy Services	ALPHA-CHLORDANE					
1.00	GAMMA-CHLORDANE					
0.20 U 0.20 U 0.20 U 0.40 U 0.40 U 0.40 U 0.20 U 0.20 U 0.20 U Ogden Environmental and Energy Services	TOXAPHENE					
0.40 U 0.40 U 0.40 U 0.20 U 0.	PCB-1016 (AROCHLOR 1016)					
0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U Ogden Environmental and Energy Services	PCB-1221 (AROCHLOR 1221)	n				
0.20 U 0.	PCB-1232 (AROCHLOR 1232)	n				
0.20 U 0.	PCB-1242 (AROCHLOR 1242)					
0.20 U 0.20 U 0.20 U 0.20 U 0.20 U 0.20 U O.20 U O.	PCB-1248 (AROCHI.OR 1248)					
Ogden Environmental and Energy Services	PCB-1254 (AROCHLOR 1254)					
Ogden Environmental and Energy Services	PCB-1260 (AROCHLOR 1260)			20		
Ogden Environmental and Energy Services						
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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP J: Water Data for Methods 8151 and OL21P

EPA NO	W28SSA	W29SSA	W30SSA	:	W9701A	W9701D	
OGDEN ID	W28SSA	W29SSA	W30SSA		W9701A	W9701D	
Date Sampled	11/3/97	11/3/97	11/20/97		11/19/97	11/19/97	
Depth							
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	QUAL ANALYTICAL LAB REV L CODE RESULT QUAL QUAL	AL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	QUAL
8151 (UG/L)							
DALAPON	2.30 U	2.40 U	2.30 U		2.30 U	2.30 U	
DICAMBA	0.10 U	0.10 U	U 0.10		0.10 U	U 60.0	
MCPP	95.00 U	D 07.00	U 00.96	-	05.00 U	94.00 U	
MCPA	94.00 UJ C	UJ 00:96	C 95.00 U		94.00 U	93.00 U	
DICHLOROPROP	U 56.0	U 76.0	Ω 96:0		U 56:0	0.94 U	
2,4-D (DICHLOROPHENOXYAC	0.95 U	U 76.0	O 96:0		U 56.0	0.94 U	
SILVEX (2,4,5-TP)	0.10 U	O.10 U	U 0.10		U 0.10	0.10 U	
2,4,5-T (TRICHLOROPHENOXYA	V 0.10 U	0.10 U	U 0.10		0.10 U	0.10 U	
DINOSEB	U 66.0	1.00 U	U.00 U		U 66:0	U 86.0	
2,4 DB	U 96.0	U 86.0	U 0.97		0.96 U	0.95 U	
PENTACHLOROPHENOL	0.24 U	0.25 U	0.24 U		0.24 U	0.24 U	
PICLORAM	0.28 R *4	0.29 R	*4 0.28 R	* 4	0.28 R *4	0.28 R	*4
3,5-DICHLOROBENZOIC ACID	U 56.0	U 76.0	U 96.0		U 56.0	0.94 U	
CHLORAMBEN	0.76 R *4	0.77 R	*4 0.76 R	*4	0.76 R *4	0.75 R	*4
BENTAZON	2.00 U	2.10 U	2.00 R	*	2.00 R *4	2.00 R	*4
ACIFLUORFEN	0.76 UJ C	UJ 77.0	C 0.76 U		U 97.0	U 27.0	
OLZIP (UGAL)							
ALPHA BHC (ALPHA HEXACHL	U 10.0	U 0.01	U 0.01		U 0.01	0.01 U	
BETA BHC (BETA HEXACHLOR	U 10.0	U 0.01	U 0.01		U 10.0	U 0.01	1130
DELTA BHC (DELTA HEXACHL	0.01 U	U 0.01	U 0.01		U 10.0	0.01 U	
GAMMA BHC (LINDANE)	U 10.0	U 0.01	U 0.01		U 0.01	0.01 U	
HEPTACHLOR	U 10.0	U 0.01	U 0.01		U 10.0	U 0.01	
ALDRIN	U 10:0	U 10:0	U 0.01		0.01 U	U 0.01	
HEPTACHLOR EPOXIDE	0.01 U	U 0.01	U 0.01		U 10.0	U 10.0	
ALPHA ENDOSULFAN	U 10.0	0.01 U	U 0.01		U 0.01	0.01 U	Tech
or water the state of the state					F		330
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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP J: Water Data for Methods 8151 and OL21P

Data	ELAINO	WZOSSM	W2930A			
### Part Continued ### Part Cont		V28SSA	W29SSA	W30SSA	W9701A	W9701D
A		1/3/97	11/3/97	11/20/97	11/19/97	11/19/97
C. ANALTYTIC JOURGE ANALTYTIC JOURGE ANALTYTIC JOUR JOURGE ANALTY JOUR JOUR JOUR JOUR JOUR JOUR JOUR JOUR	hopth					
PHENYL) 002 U 003 U 003 U 003 U 004 U 005 U 006 U 007 U 007 U 008 U 008 U 008 U 008 U 008 U 009 U	fethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL ILAB REV QUAL RESULT QUALQUAL CODE
SOCILEAN OCCILEAN OCC	L21P (UG/L) Continued					
0.02 U 0.02	DIELDRIN					
HEINYL) OLIGIO IN OOCE IN OOC	DDE (1,1-BIS(CHLOROPHENYL)	0.02 U				
PHENYL) 0.002 U 0.002	ENDRIN					
HENYL) 0.002 U 0.001 U 0.002 U	BETA ENDOSULFAN					
HENYL) 0.02 U 0.	DDD (1,1-BIS(CHLOROPHENYL)					
HENYL) 0.02 U 0.	ENDOSULFAN SULFATE					
0.10 U 0.02	DDT (1,1-BIS(CHLOROPHENYL)					
0.02 U 0.02 U 0.02 U 0.02 U 0.02 0.01 U 0.01 J 0.02 U 0.02 U 0.02 0.01 U 0.01 U 0.01 U 0.02 U 0.02 U 0.02 1.00 U 0.01 U 0.01 U 0.01 U 0.01 1.100 U 0.01 U 0.01 U 0.01 U 0.01 1.100 U 0.020 U 0.00 U 0.00 U 0.00 1.221) 0.40 U 0.00 U 0.00 U 0.00 1.221) 0.40 U 0.00 U 0.00 U 0.00 1.242) 0.20 U 0.00 U 0.00 U 0.00 1.243) 0.20 U 0.00 U 0.00 U 0.00 <	METHOXYCHLOR					
0.02 U 0.01 J 0.02 U 0.02 U 0.02 0.01 U 0.02	ENDRIN KETONE					
100 U	ENDRIN ALDEHYDE					
1.06	ALPHA-CHLORDANE					
1.00 U 1.	GAMMA-CHLORDANE					
0.20 U 0.20 U 0.20 U 0.20 0.40 U 0.40 U 0.40 U 0.40 0.20 U 0.20 U 0.20 U 0.40 0.20 U 0.20 U 0.20 U 0.20	TOXAPHENE					
0.40 U 0.20	PCB-1016 (AROCHLOR 1016)					
0.20 U 0.20 U 0.20 U 0.20 0 U 0.20 U 0.20 U 0.20	PCB-1221 (AROCHLOR 1221)					
0.20 U 0.20 O O O O O O O O O O O O O O O O O O O	PCB-1232 (AROCHLOR 1232)					
0.20 U 0.20 O O O O O O O O O O O O O O O O O O O	PCB-1242 (AROCHLOR 1242)					
0.20 U 0.	PCB-1248 (AROCHLOR 1248)					
0.20 U 0.20 U 0.20 U 0.20	PCB-1254 (AROCHLOR 1254)					
	PCB-1260 (AROCHLOR 1260)					
				-		

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP J: Water Data for Methods 8151 and OL21P

11/20/97
1
ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.30
0.10
95.00
94.00
0.95
0.95
0.10
0.10
0.99
96.0
0.24
0.28
0.95
0.76
2.00
0.76
100
0.01
0.01
0.01
0.01
0.01
0.01
0.01

D:\MMR\PROGRAMS\GRP_J\DB\(836\) of 836 records\) 05/07/98 17:23.2 read by mlboyajian

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP J: Water Data for Methods 8151 and OL21P

OGDEN ID	W9702A	W9705A	WL12XA	WL12XD	
Date Sampled	11/20/97	11/20/97	11/12/97	11/12/97	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OL21P (UG/L) Continued					
DIELDRIN	0.02 U	0.02 U	0.02 U	0.02 U	
DDE (1,1-BIS(CHLOROPHENYL)	0.02 U	0.02 U	0.02 U	0.02 U	
ENDRIN	0.02 U	0.02 U	0.02 U	0.02 U	
BETA ENDOSULFAN	0.02 U	0.02 U	0.02 U	0.02 U	
DDD (1,1-BIS(CHLOROPHENYL)	0.02 U	0.02 U	0.02	0.02 U	
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.02 U	0.02 U	
DDT (1,1-BIS(CHLOROPHENYL)	0.02 U	0.02 U	0.02 U	0.02 U	
METHOXYCHLOR	0.10 U	0.10 U	0.10 UJ C	0.10 UJ C	
ENDRIN KETONE	0.02 U	0.02 U	0.02 U	0.02 U	
ENDRIN ALDEHYDE	0.02	0.02 U	0.02 U	0.02 U	
ALPHA-CHLORDANE	U 10.0	U 0.01	U 0.01	U 0.01	
GAMMA-CHLORDANE	0.01 U	U 0.01	U 0.01	U 0.01	
TOXAPHENE	1.00 U	U 00.1	U 001	1.00 U	
PCB-1016 (AROCHLOR 1016)	0.21	0.21 U	0.20	0.20 U	
PCB-1221 (AROCHLOR 1221)	0.41 U	0.41 U	0.40 U	0.40 U	
PCB-1232 (AROCHLOR 1232)	0.21 U	0.21	0.20 U	0.20 U	
PCB-1242 (AROCHLOR 1242)	0.21 U	0.21	0.20	0.20 U	
PCB-1248 (AROCHLOR 1248)	0.21 U	0.21	0.20 U	0.20 U	
PCB-1254 (AROCHLOR 1254)	0.21 U	0.21	0.20 U	0.20 U	
PCB-1260 (AROCHLOR 1260)	0.21 U	0.21 U	0.20 U	0.20 U	

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Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP K: Water Data for Methods 8330 and 8330N

OGDEN ID W02DDA W04SSA Depth II/19/97 II/4/97 Depth Analyte II/4/97 Depth Analyte II/4/97 Analyte Analyte II/4/97 Analyte Analyte II/4/97 Analyte Analyte II/4/97 Analyte II/4/97 II/4/97 OCTAHYDRO-1, 3, 5, 7-TETRANIT 0.25 U HEXAHYDRO-1, 3, 5, 7-TETRANIT 0.25 U I, 3-DINITROBENZENE 0.25 U I, 3-DINITROBENZENE 0.25 U 2,4,6-TRINITROTOLUENE 0.25 U 2,4-DINITROTOLUENE 0.25 U 2,4-DINITROTOLUENE 0.25 U 2,4-DINITROTOLUENE 0.25 U 2,4-DIAMINO-4-NITROTOLUENE 0.25 U 2,4-DIAMINO-6-NITROTOLUENE 0.25 U 2,4-DIAMINO-6-NITROTOLUENE 0.25 U 2,4-DIAMINO-6-NITROTOLUENE 0.25 U 2,4-DIAMINO-6-NITROTOLUENE 0.25	45SA 1/97 ANALYTICAL LAB REV QUAL RESULT QUAL CODE	NO7DDA 10/31/97 ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	W07SSA 10/31/97 ANALYTICAL LAB REV QUAL RESULT QUAL CODE	LAB I	QUAL
11/19/97	SULT QUALQUAL	TICAL LAB REV	TICAL LAB REVULT QUAL QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	OUAL
Comparison	NALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL	REV	ANALYTICAL LAB REV 0.25 U 0.25 U 0.25 U 0.25 U 0.25 U 0.25 U 0.25 U	CODE
L) ANALYTICAL LAB REV. GOAL C) CODE DRO-1,3,5,7-TETRANIT 0.25 U ORO-1,3,5,7-TETRANIT 0.25 U ORO-1,3,5,7-TETRANIT 0.25 U ORO-1,3,5,7-TETRANIT 0.25 U ROBENZENE 0.25 U ROBENZENE 0.25 U AGDENZENE 0.25 U AGDENZENE<	RESULT QUAL QUAL CODE	QUAL	QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL 0.25 U 0.25 U 0.25 U 0.25 U 0.25 U	CODE
DRO-1,3,5,7-TETRANIT 0.25 U ORO-1,3,5,7-TETRANIT 0.25 U ORO-1,3,5-TRINITRO-1, 0.25 U OBENZENE 0.25 U ROBENZENE 0.25 U OCCES U U AGENE 0.25 U A,6-DINITROTOLUENE 0.25 U SOTOLUENE 0.25 U SOTOLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.25 U NO-4-NITROTOLUENE 0.25 U NO-6-NITROTOLUENE 0.25 U NO-6-NITROTOLUENE 0.25 U VCERIN 5.00 U					
ORO-1,3,5,7-TETRANIT 0.25 U ORO-1,3,5,7-TETRANIT 0.25 U ORDENZENE 0.25 U ROBENZENE 0.25 U COBENZENE 0.25 U NZENE 0.25 U RITROTOLUENE 0.25 U A,6-DINITROTOLUENE 0.25 U ROTOLUENE 0.25 U ROTOLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.25 U NO-6-NITROTOLUENE 0.25 U NO-6-NITROTOLUENE 0.25 U YCERIN 5.00 U					
ORO-1,3,5-TRINITRO-1, 0.25 U SOBENZENE 0.25 U SOBENZENE 0.25 U NZENE 0.25 U 2,6-DINITROTOLUENE 0.25 U 4,6-DINITROTOLUENE 0.25 U 30TOLUENE 0.25 U 31D 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.25 U NO-6-NITROTOLUENE 0.25 U NO-6-NITROTOLUENE 0.25 U YCERIN 5.00 U					
COBENZENE 0.25 U					
ROBENZENE 0.25 U NZENE 0.25 U A,6-DINITROTOLUENE 0.25 U 4,6-DINITROTOLUENE 0.25 U A,6-DINITROTOLUENE 0.25 U COTOLUENE 0.25 U CID 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.25 U NO-6-NITROTOLUENE 0.25 U YCERIN 5.00 U YCERIN 5.00 U					
NZENE NZENE NZENE 1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,					
NZENE 0.25 U 2,6-DINITROTOLUENE 0.25 U 4,6-DINITROTOLUENE 0.25 U 30TOLUENE 0.25 U 31D 0.25 U 32S U U					
ITROTOLUENE 0.25 U 2,6-DINITROTOLUENE 0.25 U 4,6-DINITROTOLUENE 0.25 U ROTOLUENE 0.25 U CID 0.25 U CLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.25 UJ YCERIN 5.00 U YCERIN 5.00 U				0.25 U	
2,6-DINITROTOLUENE 0.25 U 4,6-DINITROTOLUENE 0.25 U ROTOLUENE 0.25 U SOTOLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 U YCERIN 5.00 U				0.25 U	
4,6-DINITROTOLUENE 0.25 U ROTOLUENE 0.25 U SOTOLUENE 0.25 U SID 0.25 U OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 UJ YCERIN 5.00 U				0.25 U	
ROTOLUENE 0.25 U ROTOLUENE 0.25 U CID 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 UJ YTHRITOL TETRANIT 10.00 U YCERIN 5.00 U				0.25 U	
ROTOLUENE 0.25 U SID 0.25 UJ OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 UJ YTHRITOL TETRANIT 10.00 U YCERIN 5.00 U				0.25 U	
CID 0.25 UJ OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 UJ YCERIN 5.00 U				0.25 U	
OLUENE 0.25 U OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ YTHRITOL TETRANIT 10.00 U YCERIN 5.00 U				0.25 UJ	*4
OLUENE 0.25 U OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 UJ YTHRITOL TETRANIT 10.00 U YCERIN 5.00 U				0.25 U	
OLUENE 0.25 U NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 UJ YCERIN 5.00 U				0.25 U	
NO-4-NITROTOLUENE 0.50 UJ NO-6-NITROTOLUENE 0.25 UJ YTHRITOL TETRANIT 10.00 U YCERIN 5.00 U				0.25 U	
NO-6-NITROTOLUENE 0.25 UJ SYTHRITOL TETRANIT 10.00 U YCERIN 5.00 U				0.50 U	
YCERIN 10.00 5.00				0.25 U	
YCERIN 5.00				10.00 UJ	၁
8330 (UGA)				5.00 U	
OCTAHYDRO-1,3,5,7-TETRANIT	0.25 U	0.25 U	0.25 U		
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25 U	0.25 U	0.25 U		
1,3,5-TRINITROBENZENE 0.2	0.25 U	0.25 U	0.25 U		
1,3-DINITROBENZENE 0.2	0.25 U	0.25 U	0.25 U		
TETRYL 0.2	0.25 U	0.25 U	0.25 U		

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP K: Water Data for Methods 8330 and 8330N

DATE SAMEWERE DATE	EPA NO	W02DDA	W04SSA	W07DDA	W07SSA	W17DDA	A
Marked M	OGDEN ID		W04SSA	W07DDA	W07SSA		
Cold Cold Cold Cold Cold Cold Cold Cold	Date Sampled		11/4/97	10/31/97	10/31/97		
Column C	Depth						
TEME OTOLUBNE OTOLUBN	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	REV	ANALYTICAL LAB REV RESULT QUAL QUAL	CODE		TICAL LAB REV QUAL
0.25 U 0.	8330 (UG/L) Continued						
0.25 U 0.	NITROBENZENE					n	
0.25 U 0.	2,4,6-TRINITROTOLUENE					n	
0.25 U 0.	4-AMINO-2,6-DINITROTOLUENE					n	
0.25 U 0.	2-AMINO-4,6-DINITROTOLUENE					n	
0.25 UJ *4 0.25 UJ *6 UJ 0.25 UJ	2,6-DINITROTOLUENE					n	
0.25 UJ *4	2,4-DINITROTOLUENE					n	
0.25 U 0.	PICRIC ACID		n	0.25	0.25		
0.25 U 0.	2-NITROTOLUENE					n	
0.25 U 0.25 U 0.50 U 0.50 U 0.25 U 0.20 U 0.25 U 0.	4-NITROTOLUENE					n	
0.50 U 0.50 U 0.25 U 0.	3-NITROTOLUENE					n	
0.25 U C 10.00 UJ C 0.25 U C 10.00 UJ C 0.25 U C 10.00 UJ C 0.25 UJ C 10.00 UJ C 10.00 UJ C 0.25 UJ C 10.00 UJ	2,6-DIAMINO-4-NITROTOLUENE					n	
07/98 17:23.3 read by mlboyajian Ogden Environmental and Energy Services	2,4-DIAMINO-6-NITROTOLUENE					n	
07/98 17.23.3 read by mlboyajian Ogden Environmental and Energy Services	PENTAERYTHRITOL TETRANIT		UJ	10.00	10.00		
07/98 17:23.3 read by mlboyajian Ogden Environmental and Energy Services							
07/98 17:23.3 read by mlboyajian							
	D:\MMR\PROGRAMS\GRP_K.DB (3)	56 of 356 records) 05/07/98	17:23.3 read by mlboyajian		Ogden Envir	onmental and I	Energy Services

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP K: Water Data for Methods 8330 and 8330N

EPA NO	W17SSA		W17SSD		W23M2A		W23M3A		W23M3D		
OGDEN ID	W17SSA		W17SSD		W23M2A		W23M3A		W23M3D		
Date Sampled	11/10/97		11/10/97		11/11/97		11/13/97		11/13/97		
Depth											
Method Analyte	ANALYTICAL II RESULT	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	UAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B REV QUAL AL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUA	QUAL CODE
8330N (UGL)											
OCTAHYDRO-1,3,5,7-TETRANIT	0.25	n	0.25	n	0.25 U		0.25	n	0.25	D	
HEXAHYDRO-1,3,5-TRINITRO-1,	, 0.25	n	0.25	ם	0.25 U		0.25	D	0.25	ח	
1,3,5-TRINITROBENZENE	0.25	D	0.25	n	0.25 U		0.25	n	0.25	D	
1,3-DINITROBENZENE	0.25	n	0.25	n	0.25 U		0.25	n	0.25	D	
TETRYL	0.25	n	0.25	n	0.25 U		0.25	n	0.25	D	
NITROBENZENE	0.25	n	0.25	n	0.25 U		0.25	n	0.25	D	
2,4,6-TRINITROTOLUENE	0.25	n	0.25	n	0.25 U		0.25	D	0.25	D	
4-AMINO-2,6-DINITROTOLUENE	3 0.25	n	0.25	n	0.25 U		0.25	n	0.25	n	
2-AMINO-4,6-DINITROTOLUENE	3 0.25	n	0.25	n	0.25 U		0.25	n	0.25	D	
2,6-DINITROTOLUENE	0.25	n	0.25	n	0.25 U		0.25	n	0.25	n	
2,4-DINITROTOLUENE	0.25	n	0.25	D	0.25 U		0.25	D	0.25	D	
PICRIC ACID	0.25	UJ *4	0.25	UJ *4	0.25 UJ *4	4	0.25	UJ *4	0.25	U	*4
2-NITROTOLUENE	0.25	n	0.25	D	0.25 U		0.25	D	0.25	D	
4-NITROTOLUENE	0.25	n	0.25	n	0.25 U		0.25	n	0.25	D	
3-NITROTOLUENE	0.25	n	0.25	n	0.25 U		0.25	n	0.25	D	
2,6-DIAMINO-4-NITROTOLUENE	0.50	n	0.50	D	U 0.50		0.50	n	0.50	D	
2,4-DIAMINO-6-NITROTOLUENE	3 0.25	n	0.25	Ŋ	0.25 U		0.25	D	0.25	D	
PENTAERYTHRITOL TETRANIT	10.00	UJ C	10.00	UJ C	10.00 UJ C		10.00	UJ C	10.00	CD	C
NITROGLYCERIN	5.00	n	5.00	D	5.00 U		2.00	u c	5.00	n	၁
8330 (UG/L) OCTAHYDRO-1,3,5,7-TETRANIT											
HEXAHYDRO-1,3,5-TRINITRO-1,											
1,3-DINITROBENZENE											
TETRYL											

D.MMRIPROGRAMS/GRP_K.DB (356 of 356 records) 05/07/98 17:23.3 read by mlboyajian

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Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP K: Water Data for Methods 8330 and 8330N

		4	;		
Depth					
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UG/L) Continued NITROBENZENE 2,4,6-TRINITROTOLUENE 4-AMINO-2,6-DINITROTOLUENE 2,6-DINITROTOLUENE 2,4-DINITROTOLUENE PICRIC ACID 2-NITROTOLUENE 4-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE					

Q

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Validated MMR Data, Period 1-April-98 to 30-April-98

Thu May 07 17:56 1998 Page 5

GROUP K: Water Data for Methods 8330 and 8330N

OGDEN ID W28SSA Date Sampled 11/3/97 Depth Analyte Analyte Analyte 833@N (UGL) RESU OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1,1,3,5-TRINITROBENZENE 1,3,5-TRINITROBENZENE TETRYL NATRO DENZENE TETRYL	8SSA 3/97 ANALYTICAL LAB REV QUAL RESULT QUAL CODE	W29SSA 11/3/97	W30SSA 11/20/97	W9701A	W9701D 11/19/97	
e- UGAL) HYDRO-1,3,5,7-TETRANIT HYDRO-1,3,5-TRINITRO-1, TRINITROBENZENE NITROBENZENE YL	LYTICAL LAB REV QUAL CODE	11/3/97	11/20/97	11/10/07	11/19/97	
e— UGAL) HYDRO-1,3,5,7-TETRANIT HYDRO-1,3,5-TRINITRO-1, TRINITROBENZENE NITROBENZENE YL	ESULT QUAL QUAL CODE		And the same of th	1111111		
UGL) HYDRO-1,3,5,7-TETRANIT HYDRO-1,3,5-TRINITRO-1, IRINITROBENZENE NITROBENZENE YL	LYTICAL LAB REV QUAL CODE SULT QUAL QUAL CODE					
8330N (UGL) OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	E ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUESULT QUAL QUAL CO	QUAL
OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL						
HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL			12.00	0.25 U	0.25 U	
1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL			0.25 U	0.25 U	0.25 U	
1,3-DINITROBENZENE TETRYL NITROGENZENE			0.25 U	0.25 U	0.25 U	
TETRYL			0.25 U	0.25 U	0.25 U	
NITTO OBENIZENIE			0.25 U	0.25 U	0.25 U	
MINODENCEINE			0.25 U	0.25 U	0.25 U	
2,4,6-TRINITROTOLUENE			0.25 U	0.25 U	0.25 U	
4-AMINO-2,6-DINITROTOLUENE			0.52	0.25 U	0.25 U	
2-AMINO-4,6-DINITROTOLUENE			0.25 U	0.25 U	0.25 U	
2,6-DINITROTOLUENE			0.25 U	0.25 U	0.25 U	
2,4-DINITROTOLUENE			0.25 U	0.25 U	0.25 U	
PICRIC ACID			0.25 U	0.25 UJ *4	0.25 UJ *	*4
2-NITROTOLUENE			0.25 U	0.25 U	0.25 U	
4-NITROTOLUENE			0.25 U	0.25 U	0.25 U	
3-NITROTOLUENE			0.25 U	0.25 U	0.25 U	
2,6-DIAMINO-4-NITROTOLUENE			0.50 U	0.50 UJ *4	* U 0.50	*4
2,4-DIAMINO-6-NITROTOLUENE			0.25 UJ *4	0.25 UJ *4	0.25 UJ *	*4
PENTAERYTHRIFOL TETRANIT			\$'+ \(\O\) \(\O\) \(\O\)	10.00 U	10.00 U	
NITROGL YCERIN			5.00 U	5.00 U	S.00 U	
8330 (UG/L)						
OCTAHYDRO-1,3,5,7-TETRANIT	0.25 U	0.25 U				
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25 U	0.25 U				
1,3,5-TRINITROBENZENE	0.25 U	0.25 U				
1,3-DINITROBENZENE	0.25 U	0.25 U				
TETRYL	0.25 U	0.25 U				

D.MMRNPROGRAMS\GRP_K.DB (356 of 356 records) 05/07/98 17:23.3 read by mlboyajian

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Thu May 07 17:56 1998 Page 6

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP K: Water Data for Methods 8330 and 8330N

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Thu May 07 17:56 1998 Page 7

Validated MMR Data, Period 1-April-98 to 30-April-98 GROUP K: Water Data for Methods 8330 and 8330N

EPA NO	W9702A	W9705A	WL12XA	WL12XD 7	è
OGDEN ID	W9702A	W9705A	WL12XA	WL12XD	
Date Sampled	11/20/97	11/20/97	11/12/97	11/12/97	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330N (UG/L)					
OCTAHYDRO-1,3,5,7-TETRANIT	0.25 U	0.25 U	0.25 U	0.25 U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25 U	0.25 U	0.25 U	0.25 U	
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
PICRIC ACID	0.25 U	0.25 U	0.25 UJ *4	0.25 UJ *4	
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	
2,6-DIAMINO-4-NITROTOLUENE	0.50 U	0.50 U	0.50 U	0.50 U	
2,4-DIAMINO-6-NITROTOLUENE	0.25 UJ *4	0.25 UJ *4	0.25 U	0.25 U	
PENTAERYTHRITOL TETRANIT	10.00 U	10.00 U	10.00 UJ C	10.00 UJ C	
NITROGLYCERIN	5.00 U	5.00 U	5.00 UJ C	5.00 UJ C	
8330 (UG/L) OCTAHYDDO 1357 TETDANIT					
HEXAHYDRO-1.3.5-TRINITRO-1					
1,3,5-TRINITROBENZENE					
1,3-DINITROBENZENE					
TETRYL					

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Ogden Environmental and Energy Services

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Thu May 07 17:56 1998 Page 8

Validated MMR Data, Period 1-April-98 to 30-April-98

GROUP K: Water Data for Methods 8330 and 8330N

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OGDEN ID	Date Sampled		lyte	NITROBENZENE 2,4,6-TRINITROTOLUENE 2,4,6-TRINITROTOLUENE 2-AMINO-2,6-DINITROTOLUENE 2,6-DINITROTOLUENE 2,4-DINITROTOLUENE 4-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANIT PENTAERYTHRITOL TETRANIT	MKI
OGDEN)ate	Depth	Method Analyte	8330 NTI 2,4 4-A 2,6 2,6 2,4 3-N PIC 2,6 2,4 1,6 PEB	D: M

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